

## SEQUENCE LISTING

<110> Glenn Barnes  
Joanne Meyer

<120> Detection of Polymorphisms in the Human  
5-Lipoxygenase Gene

<130> MRI-021

<150> 60/267,515

<151> 2001-02-08

<150> 60/314,248

<151> 2001-08-21

<160> 66

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 2189

<212> DNA

<213> Homo sapiens

<400> 1

```

ggatccagaa taacccaaac aatattgaaa aataaagaac agcgttggtg gattaacatt 60
ttccaatttc aaaacttact atagcactgc ggtaatcaag cagtgtggca ctgtatagca 120
tgtacattac agatcagttg actagaatca atgtccagaa ataaaccgtt atgtttataa 180
tgaattactt ttttaataag tgtaacagca acgcaatggg aaaaagataa tgaattcaac 240
aaatgatgca tggacaacac gacatgcaca tgcaacacaa tgaattgaa ttctctatc 300
gctccaatgca taaaaactaa ctcaaaatgg gtcaacggatg taaatgaaaa gctaaaaacta 360
taataatcct agaggaaaaa ctaggagtaa atctttaaga tgttattgta ggcagtggtt 420
tctcagatag gaccccaaaa tcacaagcga caaaaagaaa ttggacttaa agttaaatatc 480
tttttgtgctt caaacatcat caagaaagtg aaaacacaac ccgcagaagc aataaaaaatg 540
tctgtaaatc atgtatccga tttagagactt ctatccagga tatataaata atgcaattca 600
atgataaaaa agataaaatag cccagttttc caaagagtca agcatctgaa tatacatctc 660
tccaaaaata tacagatatc caacaagcat gtgaaaagat gttcaaaagc atttgccagg 720
tgccaaaacc caagacagta tgaggagatg ctacagggac tctgctgctt cacagacatg 780
aagcgttggtg gagaatgtag gcagccgcct ttggggactt cacatccccc ccgccccacg 840
cacggtgagc tagtgtttaa acttagccga gatcaataca cgcgactgtg tgcccctcag 900
accctgcgct gcggcggggg ctgggagagg cggggccagc gagtggggcg gaaccttctc 960
gtcaggcccc agccgcggga agcgcgcaca ggagcgcgcg aaaccttctc cacaccttcc 1020
caggcatttg cccgcgcgca ttcagagagc cgacccgtga cccctggcct cccctagaca 1080
gccccgcagt tccagatgtg ccgtcccgcc tgcctccgcg gaccactggc catctctggt 1140
cctggcgctg gttctcggcg cccgcgctgc agccgcagg agcccgaggt ccagccagtg 1200
aagaagcccg cgcctgaagg agcctctgtg ctccagaatc catctcaggt atcagcgctg 1260
gggtggcctc ctccaggaag cccctctgat tctctcatgg gtgcgtcttc ctctgcagac 1320
tcccggagca cccctcgtct caagtaccgc aagtggcact gagaacttgg gagagacaga 1380
ggcgtgctct agattattgag ggagtcoccc cagctccacc ccagggccta caggagcagt 1440
gccttggggc aagccogaggg aggcaggcag ggcaaaaggt ggaagcaatt caggagagaa 1500
cgagtgaacc aatgtagtag ggggtggcag cgaggttgcc ccagtcctct ggctgcagga 1560
acagacaact cgctgaggag agacccagga cgaaggcccc tgccccgccc gaaggcgaggt 1620
cccgcacagt cggcgccgcg cgtgaagagt gggagagaaq tactcggggg gcggggggcg 1680
ggcggggggg gggggcgggg gcagccggga gccttgagcc agaccggggc gggggccggga 1740
ccggggggcag ggaccagtg tgggaggagg ctgcggcgct agatcgggag acctggaccg 1800
ccgcgcgcag gctcccggcg ctgcgtgctc ccgcggcccg gccatgcgcc tctcacacgg 1860
tcacgtggcg cactggcagc cagtgggttc ccggcactga cgcactacac taacctagcc 1920
tcgtggctc ggcgggctgc agcgagaagc acctgctgga caagcccttc tacaacgact 1980
tcgagcgtg cgcggtgagc gcggggcggg cacgggtgga gcgcgggctg aggtgcgtcc 2040

```

10071411.020702

```

gggaccgggt ttggacggca gaggcctggg cggggggccc gagggcccg cggggggccc 2100
cggacaggac tgggggtgtc caggaccctg tcaggagggg cagaactgcg gtggggcggtg 2160
ccctgggctc ccagtggccg gtgggtacc

```

```

<210> 2
<211> 168273
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)... (168273)
<223> n = A,T,C or G

```

```

<400> 2
ttgcacgctn ctcagccccc gctgtactat tgggtctacac gtgccatcgt ggtttgtctgc 60
accocatcaac ccatcatccta cattagtgat ttctctctaatt gctctctttc cccttggcccc 120
ccaccctcta acacgcccgt ttgtgtgatg ttgacctccc ttgtgtacatg ttgttgcatt 180
gtacaactcc tgccttatgag tgacaacatc ttgtctgatt ttctgtttgt gttagttttgc 240
tgagatgatg ggtttccatc ttcatccttg tacttgcaaa ggacatgaac tcactcttta 300
atatggctgc ttagaatccc acagatataga tgtgctctcat ttctttttatc cagactatca 360
ttgatggggca ttggggttgg atccaaagat ttgctattgt gaacagtgat tcaataaaaa 420
tacgagtcca tgtgtcttta tggatgaatg attgataatc ctttgggcat ataccocacta 480
atgggatgtc tggacctaat ggtttgctgt gatcctgata cttgaggaaat caccacactc 540
tcctacagtg taaaagtgtc tctatatata ctcatccct ccagcatctg ttattttactg 600
actctttaat catcaacctt ctactggag agagaaggtt taattaccac taatgacgag 660
ccttttaatac aattgtgtgt ggacctctcc caacttaact gcgaaggggt cattttgtaa 720
cttacgccac cttttgatgt ggcagttttt ctgctttatc cgcaagatc ctggggggacc 780
ccttttttta actcttttga agacggttat atctgaacaa ttctcccat accgagaggt 840
ggcgggttac aaccttgaa agtttctttt tttttttggg gccctctagt ttcaaaaaa 900
tcctctcgga ccaatttgcc ttttgttgcc tccccctaag tcaataggaa 960
ttttcccgga ggcacacagg tgtagtggcc tccccagaa tttttctctt gggatccaa 1020
tgtttaaaga aaaaaaattt gggaaatttt ttaaacctcc aataaaattt tttatagaa 1080
taaggccggt ttcatttann nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1140
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1200
ggtcttcagc ccgtgtgtgaa gactgattaa cagtataaag aaggtaaagc ttaagtgc 1260
ctgtaagaaa catacagtct cacacaatta ggcaaggagt ccaacttgga agaagagtg 1320
gcatagatcc aaacctgat gccacaactt atgttaacct tctgagggt caacttctca 1380
cacatgacag gagaatctca tcatgtacct caattaatgt atatacagat tatggtaaac 1440
attcaatgaa aaagtatgta aagtttctat cattctacta cagtttggtat tcaaaaaatg 1500
coactttatt cactttctgt taagcctgaa agaagtaact aatgacatca acgagtgc 1560
ttcaacaaat ataatttgag cactgattac tcaataagca ttatgaggaa cttaaatatt 1620
atcagcaaat gatggctgac atagaggaaa tgtgacagag taggaagatc cctgtactcc 1680
ctgtatcaaa ggactgagat tcttccactt aggaactatg gtgaccccaa cagaagtagt 1740
aaaattacag aaagataact ggcaaaaacac ccaaatagtt tgaagttaaa aaataatc 1800
ctgaataaca ccccatggaa atttttaaaag attataatgt gaattaaaat gaaaacatat 1860
acacataaca aaaaattgtg gatacaggaa actatgtgct catatgatca taactgttta 1920
cattactatt tagagaatca acttaattca attactaag ttctatttt agaaaactat 1980
gtaaaaaaag gagagcatat ttaaaaagta agcagaagaa caaagatata gcatgacaga 2040
caatgaaatt gaaaatggaa aaatcataga gaagaatcaa atgaatcaaa agtagttct 2100
tggaaaaagt caataaataa aattggttga tataatttac tgatatagg agtggggaggt 2160
ataatcactg atcatagatc catgatgaac aagcttattt caataaata ataaactcag 2220
caacttcaac aaaaatggca gattacttgg aagacaccaa ttaccaaaag tcaaaaaaag 2280
agaattctaaa tagtctata tttatgaaa aaaaaaacaa aactgaattt gtattttaaa 2340
actttggcac aaagaaaatt tttaggttcag atgggtttcc taataaattt ttccattta 2400
gtagaataaa tatcatctc acacaaactc attcaaaaaa aaaggagaga gaactcttta 2460
caacacgttc tgcaagggtc gtattaccct gatacaaaaa caaaggatata tacataaaaa 2520
cgacaccaat atcctctcat aacatagatt ctccaccacg gggtctggaag gtctcggnnn 2580
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 2640
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnatg cagccctggt 2700
gaatataaga gattaggcta cagcgtgttc tactccaact ttatttgcct tctgagcatc 2760

```

10071411.020702

2007-11-11 02:07:02

taattccact	ttgcacaaatg	gacatttttt	ttccctcttg	agagctcagga	aattaccagg	2820
ttgtgccagg	taactccttag	tatcaactgt	aaaatatcag	tataaaaata	tgagtaagca	2880
tatttcagtg	gggtgtttata	tgcttttgg	tgcatagcat	gagccaaaag	cagataaaaa	2940
atgtggggctc	cagatagatga	ctcaatctcc	agaaatcata	atgtcagtta	cacaatgata	3000
ttctatatt	ggcatcacaa	aaataatccac	ttgtcatagg	ataatgtctc	tagatgaggg	3060
catggagctg	tgctgaggaa	tctgccattt	tcttttatcc	agactctctc	tcataccgac	3120
ccagggcccc	aatcattgtg	tatcaaaaaa	catgtctgtg	tctcttttgg	cttactatga	3180
agaggaagcaa	gattcttttcc	tcaagcattt	aagtgttgac	tggtgggtac	ccagtggtgtc	3240
agacactgng	gatcaaattc	tgtaggtta	aaaatacccc	ataactcact	ggatagaaa	3300
tcaaaatgct	cgtatgtgtg	atcttatgat	caacttccaa	ggggacottt	ntacottcta	3360
tcttctacag	caagcaacta	cattgatitt	gtagcccagg	atctattccc	acgtcaacgc	3420
tggtgttccaa	atgtttgtct	tagctcaatg	gcctottaag	ccactaaccc	aatatgtttg	3480
tttttaccag	taaaaaagtg	catctgggga	ataagttggt	gtatatgttg	gggtcagcca	3540
gcccatagat	cgtccagagg	accccaggct	taggaggaat	cctcagattt	gagagccact	3600
gtcctgtatg	atgcagatag	cacagctctt	cctgaaaata	ggaattcaaa	tgaggaaaaa	3660
tgaaaagtct	cctaattatt	ttcttctgcc	ttcttctc	caagctccat	taattatcat	3720
gctctattgt	gaagatacaa	agaaagaact	cataaatata	cottttgtgc	ctgtattttg	3780
aatgtacgtt	gtgcattgtc	gcotttgttg	ttaagcaaat	gtcaagaaaa	tcctagatcc	3840
catgtcttac	agtcaaatag	gggcaattca	agcaaatat	atgcctotaa	tatgttttga	3900
aaattctgaa	agttcagaaa	aaatgttgtc	acttcagcca	ctgtgtatta	ctgtgtattg	3960
agaatgagac	ctctctcccc	tctgttttcc	tcatttccat	ctctctcttc	cttttctccc	4020
tctctctctc	tcctttatct	tccttctccc	tcctctctct	ccatgcttae	tccttctctc	4080
ttctctctct	ttctttatta	ttctctctct	ccctctctct	tctctctccc	cttttctctc	4140
ccctctctct	ctctctcccc	ctctcttatt	ctctctctcc	ctctctctct	ttctctcccc	4200
ttttctctct	ttccccagat	aggccatttt	caaaaactgt	taaacatttc	ccaaaagcat	4260
ttatgcagca	gaattgacta	ggatctcacc	tgaatccag	agcttgccca	ttgaacacag	4320
gcaagatcta	agccattttc	tcttgatgtg	atgcttcag	attttatgca	tttgaaccaa	4380
attttatgta	aaaaaaagct	tagccctttg	gtgacgggga	ttcttttttc	ggatgatctg	4440
ccaaagaact	aagaccacac	gtccagctta	tcaaattttc	ctgtgacctt	tannnnnnnn	4500
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	4560
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnccgtggtg	agaacttcca	ctgtgaactt	4620
aaagtagttt	tttccaattc	tgtgaagaat	gtcattggta	gcttgatggg	gatggcaactg	4680
aagattttct	tcatttttat	gactgcatag	cattccatgg	agtaataatga	ccacattttc	4740
tttatccaat	tcactgtgtg	tgggcaccta	ggatcaattc	atgactttgc	tgttgtgaat	4800
agtactgcac	tgaacatgtg	agtgcatgtg	tctttttgga	ggaataattt	gttctctttt	4860
ggatatatac	ccagatagtg	ggttgctggg	ccaaatggta	gttctgtttt	aagtctcttg	4920
agaaattctc	aaactgcttt	ccacagaggc	tgaactaatt	gacattccca	ctgccatgca	4980
tgagcatctc	ctttttctct	cagctccacc	aacatctggt	gcctttctgac	tttttgataa	5040
tagccattct	gatgtgtgag	atggtagccc	attgggtgtt	cttttttttt	ttttaagaca	5100
gagtcctact	gtgtcaccta	ggctgtggca	caatgttggc	tcgtgcacac	ctctgcctcc	5160
tggtgttcaag	tgattctctc	acctcagcct	actgagaagc	tagggtttaca	ggcacactgc	5220
accacaccaca	gctaattttg	gtatttttgg	tagagacagg	gtttagccat	attggccaag	5280
ctggtctcta	actcctgacc	tcaggtgacc	cacctgcctc	ggcttcccaa	agtgctggga	5340
ttgcatcggt	tagtaccat	gggtggtttt	tgacttgatc	ttctctgatg	attagtaagt	5400
atgatccttt	tttcatatcat	ttgttggcca	cttgtatgat	taagtgtctg	gttctctgtg	5460
tcatatctttt	tgcccatatt	tcaatggggt	gttttttttc	ttgtccagtt	gtttaagtta	5520
tttatagatt	ctggatattta	gtcctttgtt	gggtgcataa	tttgcacata	ttttatctca	5580
ttctgtaggt	tatctattta	atctgttgat	agtgcttttt	cttgtaacaga	agtggttcca	5640
tttaattagg	tctcaactgt	caatttctgt	ttttgttgta	ctgtcttttg	aggacttaac	5700
cataaattct	ttcccaaggc	ccatgtccag	aatgggtgtt	cttgagatttt	ctctcaggat	5760
cttttttaact	caaggctcta	tatttaaatc	tttaatccat	ttttgtgtta	ttttgtgatg	5820
tgggcaaaagt	taggtgtctt	gttttatttt	ctctcatatg	gctagtccag	tatcccagga	5880
ccattcattc	actaggagg	cttttcccca	ttgttttact	ttggcaactt	gtgtcaagat	5940
tagatgggtg	tattgtgcca	gatttatttc	tcagctctct	attctgttca	ctgtgtgtag	6000
gtatctgttt	tcgtactagc	accatgctgt	tttggttaet	gtagtcttat	tagtatagtt	6060
tgaagcaggg	taatgtgatg	ccctcggtct	ttgtcttttt	ctctaggatt	gcttttttgg	6120
ctctctgttg	ttgtgtgttc	atatgaattt	taggaacatt	ttttccaaat	ctataaaaaa	6180
atgacattgg	tagtttggtta	ataatagcat	tgaactctga	gatagattgc	tttgggcagt	6240
atggccattt	taatgatatt	gattcttcca	atccctgagc	atggaattgt	tttccattta	6300
tttgtgtctc	ctgtgatttc	ttttagcage	gtttttatagt	tctcttgta	gagatcttc	6360
acctccttgg	ttagctgttt	tcctaggtat	tttaattttt	tggtgctttg	taagtgggat	6420

tgcaagcttg	aattgtgtct	tagcctgaat	gttattgggt	tatagaaata	ctaactattt	6480
ttggccatcca	ttttgtatcc	tgaacgtcc	ctgagtcatt	tgtaaatcc	cagaggctgt	6540
ttgggtgtctt	taggtttctt	atttttagaa	tctattcttc	ccaaagagaa	ataacttccc	6600
ctctcttttc	ctaatcgagc	ccctttatct	attcctttgc	ccaagggctg	gaagagccct	6660
ccatactttt	ttaaaaaaaa	cgtggaaaaa	ggccctcttc	tattctctgt	ttaaaagaa	6720
ctctccattt	cgtctgcaaa	tggnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	6780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	6840
nnnttttttg	ggaatatacc	gtgcttattc	ctcttcagga	gttttattct	tccaaaaaat	6900
cagcttttca	ttcctctctg	tttttcttcc	tgtagccaaat	gcctccagcc	tttccatggt	6960
ggtagcggtta	gtagcaactt	tttagtttgt	agtatttgtt	ttcgttttgt	tttgtatgtt	7020
ttttgtccca	tagtcaactt	tgtaagtgtc	gtttctgagt	ttcctttggg	gggagttaacc	7080
tgccactgaa	gtgtcagott	cctgtcatg	ggactgtcct	tggaatgaca	ggttttccct	7140
ccaccatagg	atctgcactt	gtgaaggaga	tgatgagagc	ccctgatcca	ccccctgcca	7200
ctgcacagga	agcctccact	tcgtgcacca	ggcctgctgt	cagcagtggg	tcaagagctc	7260
cgacacgcgc	tgctgcagagc	ctctcaagta	tgagtctcat	atggagacca	agctgaagcc	7320
actgagaaaa	gtacgtggga	ggaaggatg	cttcaccctt	cctgaaacca	gtgaccccca	7380
gaaagctgtg	gtctcagatc	atgaggtcat	ggcttgctgt	cgttcatctc	cttaaaaaagc	7440
ttggggctgtg	gcttaccttt	gcattgtaga	gattgttgtt	ttcgtgtgct	attttcaagt	7500
ccctcttctc	ggaagaagc	ctttctgac	cattcataat	ccctcttttc	cttccaaagt	7560
aagactgtct	gttgtctgtg	gtcagtcctc	gtgcctttga	ctacagactg	tttgtgactt	7620
atcttagcac	ctaattttat	acataatta	tgtagcgtc	ctgctctctc	gattaggact	7680
gtctgttggg	gattagatca	tcccagcac	ccagcacagt	gtagcataca	gtaaaattat	7740
ttgtatacac	ccatgataac	tatttgctgt	atgggagtgt	gagtaggtgt	atagggaaaa	7800
gaaaggaagc	acaaacgttg	cgtgatgtgc	aactgtcttc	agaaaggacc	cacagggact	7860
ctgcacagga	cagctgtctg	gaggcccatg	tcactgctcc	ctctgagagc	agctttgtcc	7920
gccacactgg	ctctctgttt	aaattttgac	tgttctatat	atctctctag	atgcccagca	7980
caaaaggttt	tgctctgga	aataaaaaac	gttctctatc	tcagaacatt	aatatataaa	8040
ttgcaagata	agtcacataa	tcaataacta	gccaaataaa	tgctaaatgg	tgtgtcgtga	8100
gagcataaaca	gtcattcaga	aaaggaaatg	ctcattatga	gctagagtgt	tggggaaggt	8160
gagcgatggt	agcctcatag	gggttttggg	ttttagagca	gtctgtgaag	gtaoctagag	8220
atttgctgtg	agagtgcaag	gagtttagag	aggtcagcgt	gtctgtggag	gaacactac	8280
cctagaaaag	tgaaggtgaa	cattgacagc	gtgtcaagct	acgttgcgtg	tgaagagtag	8340
caggagagct	ggggcactga	ggcactgact	ctgtattata	ggttaggaaga	ccaggggaat	8400
tgctagtgtca	taaaatccca	gcagaaaaa	accagattta	gagaaggctt	gtgcaaaact	8460
cttaaaaaaa	tgtttttgcc	agtagaaaac	ttgtaattta	ttgggtgctt	actctatgct	8520
aatctctcaa	ctatgggaag	ccttgaggct	ctattttcaa	ctaccctgca	tagactcaat	8580
tggaagaggg	ctgtgactag	ggtttggcaa	ggatattgtc	agagtgttta	caactttgtc	8640
tttctctcta	cctttctgtg	tttctctctg	attcggaac	cagtaaatga	aaaagaagct	8700
ctggctattt	ggagtaaat	aatgagctcc	tagaggagat	gggactagca	gagtctgctt	8760
gtaccaggaa	ctcttagcgt	cgatttccag	ctgttgctgc	caaagttagca	aggaccaaa	8820
agtgagcgtc	ttctgccatt	caccttcaca	atgtagtgtg	accactctgc	tagtgtgtgt	8880
tggtgatctc	aaccctcttc	ttccgctctg	ccatgccagt	cagcacactca	gggagagtag	8940
aaaogctagta	cttgggtctct	ggggccaact	actgttttca	ttaggactga	aatcataaga	9000
tttcttctca	ggccatctta	tgctgtctgt	caagataaag	cagacaaggg	gatttttgat	9060
ggtagttctg	cattcatctt	gatcctgggt	tttttctatt	gcatagaag	ttggctgcac	9120
ctggtagcctg	gtggaagcca	agtgtgttta	ggagaacaat	acttggggga	atgcactatg	9180
tttgggaagg	gagaagtggg	gtggaagagc	aatcttaact	acctacaagt	ctcatcccc	9240
accggagccc	ttccccaag	gcctgagcct	cacactctgt	gttgcttttc	tagtgaggga	9300
agttgcagat	gagctccagc	gagcgcagga	agatcaatg	ctcagttaga	ttccacgtca	9360
ttgccaatca	atgtgtgttc	tggtcctgtt	atgtgctcat	tgaccgtact	gctgaggaga	9420
tcaagcaggg	cgaggcaaca	ggtagttctt	caggctggag	ctcctcagc	atggggccgc	9480
ggatagctca	caggagtctt	gggtccagag	gattttccag	ttagccaaaa	acgtctgggt	9540
ttccgagaga	gggacatcag	ttaggaggca	ctagcctctt	ttttggcatt	ctttttgctg	9600
tggtgtgtgt	ttttgaaacc	cagtcaggag	agtttcatat	ctggagcatg	agaactctcc	9660
caactataac	ctataaaaag	caggaaagta	ctggacaactg	tcttctgact	ctctttgact	9720
gagcaacatt	ggatgagttg	tgaatccatt	ggctcagttg	gcaggcttgt	ggtccccaga	9780
tacttgaggc	tgagggatgg	aggattgctg	aggtccagga	gttcaaggtc	gtagtgtgac	9840
atgatacac	ctgtgaatag	ccactgcaat	cagcgtggg	caacatagca	agactccaatc	9900
ttttaaaaaa	caacaacaac	aacaaagggt	ttcaccaggg	atctgcctag	gttccggagg	9960
tggttctaca	agannnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	10020
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnngaggtgt	10080

1007441.020702

acttoacccc gtgggtgaaga tgcgggcacag actcgcgcttt cctacggcgc cttcactgga 10140  
 aagcgccccc ttgttctggg ggagagggcg gctccatccg ccaaccccttc cggagctcgt 10200  
 cccgcccaatt cctgtcggag gaaatgcgag gccgtgtgag ccccgaccctt ctcgccccca 10260  
 cctctgcgca gaccgcccgc atttctgcac tgtcccgccc cactgggaag gaaactctct 10320  
 ttctcaattt cctttaatga ggacattgtc ttttcagccc tgccaccccc tgcaactcgtc 10380  
 ttccaggctg caaacacgca gtggggaggt gaaacacatc gcttttccct cctccacacc 10440  
 accggaaaat ttcgcaaac accctgtctc cggcgccctg cctcgccac acctgtgccc 10500  
 acagctctct cccgtgcag cccctgtgc cattctccag gccccaacta cctctgctgt 10560  
 ggcccagtaa gactgtgtca gatggccccc ggctgcaaa gctcctggcg ccccatgaga 10620  
 gaggaacccc aggtgaagcg aggggtcccc gccccacctg caagcgccag ggcccttcca 10680  
 agagtgcag cctaggcccg tgtgtgatgg tggagacggc gtcccgagag gctgtgaacca 10740  
 aagatggaga agacaaagcg tgtctttagg gagaaccttc gctgagggcg tcatgtgtgc 10800  
 gatcccaatt taactctaca accctgggga ggagctgggg ccgggtctca ttgttcattt 10860  
 gaggaacccg aggcctcagg aacttagacg actttcttag ggtcccccca acccccaccg 10920  
 gccacggggc ctctccagg caccctcat ccccaacag gctcctctaa gctgcttct 10980  
 tgtgtccag ccccttggc tcaactctcc aaatacagg acactcttc tctccccgc 11040  
 agaactcaag gggtctctc caactgtcca gcaacaggc ggtgtcaga gtggggttaa 11100  
 gcttactgct cagcctgcg ggccaggagg ggcagaaagg cctctccac gatctctgc 11160  
 ctctgctctc gccaaactgc catcaactca ggggtcaatg acagagcagt gtgggaaaac 11220  
 gtgggtcgca gcaacttgc ggccaaaggc aggggtggcg gactgtggga gctcctggcg 11280  
 ggggacctca ctggggccag aggcctctag aagcttctgc ttggccaaagg aaacagctag 11340  
 tgtcttggcg aagaagtggg gagggtgggt ttggccaaagg aaacagctag 11400  
 agagatgctc tgcaaaagcc tgcgtgctcc ccaacgttga gctcctatg catgtaggag 11460  
 ctgagagatg gcagggggcg gtgcgtccct atggaatgat ctccatttct ggcagagac 11520  
 atctgtgctc ccccttgcaa ttgagccaac caagaaatta tatttacttt tttagagcag 11580  
 cctccaacaa attatacacg caacttgaaa taagccctcc cactgctctg agagatggag 11640  
 cccagggaag cagctggaaa gatgctcctg cctcactca ggagagatgg ttggagctggg 11700  
 agaggaggag gcaactccct ggacccagca gatggactt gactagcaaa tagatgcaac 11760  
 catatgtggg gggtggggag gcccaagaa gcaatcagg cactgtttct taactcctgc 11820  
 tacaactggt acaaccacag tagccctaaa atataactgt gctggacttc cctgtgtccc 11880  
 acagtttgtg cagagtggcg agcatggagt ctgtaacaact acacacacag catgtgagaa 11940  
 catatgtcta ggctgttgtt agccatgatg gggatacatg aaaaggaggt gcaagttac 12000  
 cttctatacc acaggatagg tgcctattaa accctgttaa aatggactgt gaccactgtg 12060  
 gcaactcagg gcaactagg gccaggtggg tcacacttct attttaatg gcttaatatg 12120  
 gcaactattc tgtgacagct gctaagatag agaggctcct gagatacaga gtcgacaattg 12180  
 accctcagaa acactgacga gagataagaa aggcacagtc tggccttcga tccaccatta 12240  
 attcctccat ccatccatcc atccatctat ccatccatct ctctgtctat acttccatcc 12300  
 attccaccat ccatccatcc caacccatca atccatccac catctatcc atccatccat 12360  
 ctcaactatc gtcatccatc catccatcca ccatccatga atccatccat ccgtatatca 12420  
 atttctcatc tatcttcca tccatcccc tcttccatcc ttctccatcc ttctcccttc 12480  
 ccttccatca tccattcca atccatccct caacccatcc atctgcctgt ccatcgtttt 12540  
 gatgttccat tctctcagta ttctccatt cctccaacac tgggtggcag catctccac 12600  
 ctcaactcct caccatctct attattccct ccaaaactgc tctttcacaa gggcctctga 12660  
 tctcgctcgt cccatccctg tctgggacct atcccactaa agctacacag ttgtgatca 12720  
 caatcccaat cccagagtag ggggaaggaa gtgagccct aactgcctgt atgtttccag 12780  
 ggagatgggt gatactgctg cattactaat ccagatgta ggttttaatt ttctctgat 12840  
 gtgagaccca atttggtagg gagaaaaatg cccagcttt ggacacaaac agacctggat 12900  
 tcaaatccgt gttttgcmaa ttctgtccta aatgaactta ggcaaaactc ttgaccttga 12960  
 ccccttggag actcaagttc ctcaactaga aatggccaat aatattattt acccccagg 13020  
 atggccatga agcttaaaat agattattgt acccccaaaa acacggacac aatgtttaga 13080  
 aataaaatga atatttttaa gctttgaagt ctggctgggt tctcagctc atctcactgc 13140  
 tgggtgtgca gactcaaaag cagggtccca cctcataga ctgtcatctg tgggtgtggg 13200  
 gtgtgctcgt cactcagcag tgcataatgt cctcagagga tcttagtgtg aaaaggaat 13260  
 gaaaattctt gcgcccacat tcaactgtcc aaaaggaaaa aattaaaggt aaagctag 13320  
 gatgcaagaa accgaagtag ctacagataa aagggtgaaa gctcagcag tagctcttgg 13380  
 tgttccactt atcaagtgct gatgtactaa gcgcaagagg aatacacaa tgactattcc 13440  
 cctactcgtt ccttttcttt tgcaactatg ggaattcaat gctgtgacac gccctccct 13500  
 tcttctctcc agcctgtttc cctttaaata ttgatgccct taaagacatc ttcgaaaaa 13560  
 gccaacgttc accaactggt cctgtggatt tgtgttctt ttttccgtg atgtcttttt 13620  
 ttttattatt atactttaaa tctaggata catgtgcaca acgtgcagga ttgtacata 13680  
 tgtatcacat tgccatgttg gtgtgtcgca cccattaaat cctaatttag tatattctct 13740

20071111 11:02:07

aatgctatcc ctccccccctc tccccaccgcc atgacaggcc ctgggtgtgtg atgttcccoct 13900  
tccgtgtgtcc aagtgttctc attgttcaat tccaccatat gagtgagaaat atgcgggtgtt 13860  
tgggttttttg tccgtgcgat agtttggctga gaataaattgt tccaccgttcc atccagtgcc 13920  
ctgcaaaagga cattaactca tccctttttta tggctgcata gtattccata gtgcataatgt 13980  
gccacatttt cttaatccag tctatccggtg atggacattt ggggtgtgttc caagtctttg 14040  
ctattgtgaa tagtgccaca ataaacatac gtgtgcattgt gtcttttatg cagcatgatt 14100  
tataatccct tgggtatata cccgataatg ggatggctgg gtcaaatagg atttctagtt 14160  
ctagatccct gaggaaatgt cacactgtct tccacaatgg ttgaactagt ttacagtccc 14220  
accaacagtg taaaagtggt cctacttctc cacatactct ccagcactct ttgtttccctg 14280  
acctttttaa gattgcoatt ctaactgggtg taagatggta tctcattgtg gttttgattt 14340  
gcattctctt gatggccagt gatgatgagc attttctcat tgtctattgt gctgcatgaa 14400  
tgtcttctct tgagaagtggt ctgtctcata cctttgocca ctttttgatg ggggtgtttt 14460  
tttcttgtaa gtttgtttga gttgtttgtta gattctggat atcagccttt tgtcagctga 14520  
gtagattgca aaattttttt cccattctgt aggttgcctg ttccactcta tggtagtttc 14580  
ttttgtctgt cagaagctct ttagtttaat tagatcccat ttgtccattt tggcttttgt 14640  
tgccattgct tttgtgtgtt tagacatgaa gtccctggccc atgcctatgt ctcgaatggt 14700  
attgcttagt tttcttctta ggggttttat ggttttagtg ctaacattta agtatttaat 14760  
ccatcttgaa tataattttg tataagtggt aaggaaggga tccagcttca ccttctaca 14820  
tatggctagc cagctctcac ccggggctga aggtaccgct tnnnnnnnnn nnnnnnnnnn 14880  
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 14940  
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 15000  
acactggggc ctgttgggct atgggggggt ggggggggat agcattaggg gaaataacct 15060  
atgtagatga caggtgtgat ggtgcaacaa accaccatgg cacatgtata tctatgtaac 15120  
aaacctgcac attctgcaca tgtaccocag aahttaaat ataatagaat aataaaaaat 15180  
aaataagtta aaagagatta aaaaaataaa agagacaatt tgcacattct agctttctta 15240  
gatggaaaga ggtgtgcac atatgataga attagaaaaat cacacattct gtaaatcttc 15300  
attttgttaa aaagaaatca tacaaattag atgttttttg gagatgact tttaaaatag 15360  
agtcgttaga tcaactctgt aagggatatt tctatatctg ttaagtgggt taggggacat 15420  
gtatctggaa agcctgagaa gaaaaaaga gttctatacc agacttgta gttttagaca 15480  
ttttctatt ctatccattg ttttgtgtgc attttatccc tcaacttgtt atatatagca 15540  
gacaaagcta aacttttttg tgtattcttt ctatgtgttc cgaatgccta atatatgcta 15600  
aaaattagcc tagtaaaaaa atattttgta aatatcttt tgcataaaat catatgaaat 15660  
gtgttttttg gaggggaatg gccaaaactac ctgttgagta atactcatg tgtttgtgtc 15720  
ctgggttcagg ggaggaggaa ggaggggaaa gtgcagagag ctctatgccg ctgtgtttac 15780  
agtgaggcaa gattaaccat tatctcttat gtctgtgcat tttgttttac ttatctgtt 15840  
atgtagtga tataaaggac aaacgagctc taatttacaa cactcatgct ttttagatgt 15900  
taaaagaggt gccactgtat aacaaaagta gagttagtaa actaatatat ttttatatt 15960  
ttgttttaaa attcctagga aagattgtct tctactctt gagcattctt gcgcactgag 16020  
ttgatggaga tggggaggat tctaaagctag gatgttcta tttggaagac tctttcaaat 16080  
tataactatg gttacatgta tgcagtttat tgcagactgc tgtgtatata gtggacaaat 16140  
taactccta cttgaaacac ctagtttatc tagatgttta gaagtgcctg atgacagtta 16200  
aatgatagag taataaaaat ccaactttgta aataactttt tctactttct catagagaaat 16260  
actgtctttt agaaatttaa ttgttaagcc acctttgtga gcagtatagt actgtctata 16320  
cttgttccat gttgttagag aggtggagg gaagaaaaat atgtgactga ctttttacc 16380  
taagcctaatt gtcttttaag ttcatctatg ttgtggcatt tgtcagaatt tcccttccct 16440  
ttaaagctga ataatattgc attgtataga tatattacot tatattatc ctttatcca 16500  
tcaatagaaa cttgggttgc ttcatattt tagctatcat gaatattgct gccatcaaca 16560  
tgttgagtcc ctgtattcaa ctctttgggt aataccoga agtgaattg ctgaataagt 16620  
atggttaatt ctgttaaaat tttgaggag ctgtgattc atacttttac gtataaaaat 16680  
ttagacctta aatgtattat gtaaaaacac taagtatttt taacattcta gagtaagaa 16740  
gggtttctt agcaagacag aaaagctgaa accctcaata gaaacgctt ttaagtgtta 16800  
tcacataaaa tattcaaaat ttctgaacac acagacacac acgcactaac gaaaagctat 16860  
ttacaacttg tggtagatga agaaataatt tcttaacata gcaagcaacc agaaactaga 16920  
ttaagaaaaa gaataatcat acaaaattaa tacatgtgag aagctgttca gcotttccca 16980  
ttaattaaag agtcaaaata taaaacaaaa catataatt ttacttagc agagatgaaa 17040  
taccaaaaa catgggtata ggtgtggaac atactcctt ggttgacagt tagccaatat 17100  
cttttaaaat cttgtccac agtaatttca ttcttagaca gtttcttat atactctgat 17160  
ttattctgtc ctgttaacct aaattccaca gctgcctagt gatgtttcta tatttaaatg 17220  
gaatgcttac tctcagttat gtttttctt ttgagatgga gtcttcttct gttgcaggc 17280  
tggagtgcag tcccatgctc tcaagctcca cctccagggt tccaagtgt 17340  
ctcctgcctc agcctccoga gtatctagga ctacaggtgt gcaacacac gcccaagctaa 17400

1007441.020702

tttttgatt	tttagtagag	atggaggttc	acctgtgtg	ccagataggt	ctcgatctct	17460
tgacctcatg	atctgcccac	ctgggcctcc	caaaagtctg	tgattacagg	ctgtgagccac	17520
gacacccagc	cagatttttt	ttttttaaac	cacagcttag	tcattttgag	tcactctctaa	17580
atagctgcaa	tttactataa	cttaggggtt	acaattttta	aaattgtgta	tgtaagagta	17640
tcacacatgat	gtttgatata	ctctctttga	cataaatata	cacaatgaag	tgattactac	17700
agccaaataa	tgattactaat	accocatatt	gctagcgttt	agaaagacaa	ctgatttttta	17760
tgtgtcgata	ttgtaccctg	caaccttact	gaatttacta	aatctagtag	ttttttgtgtg	17820
catcctttgt	gattttctat	taacagaatc	atgcctctct	caaatgtaag	taatttagct	17880
gcttcttttt	aaatatgtat	gctcttatg	ctttttctt	ggctatgttc	ttttctctgg	17940
ctagaacttc	tagtacaagt	tccagtgta	gtgtgaaaa	tgggcatcct	tgtgtgtgtc	18000
ctgatttttag	gagtaaaagt	tacagttttt	ctacccctga	gtatgatttt	agttgtgaga	18060
ttttctcata	tgccctttat	catgctaaga	aagttccctt	ttattttagt	ttgtcgtgatt	18120
tttaaaatta	tgaaggggca	tttaatttta	tcaaaactct	ttttctgtgt	ctgttgagag	18180
tttggccatt	ttttttctat	tgaagtgggt	tattatggta	gctgattttt	ggatgtgaaa	18240
ccaaccttgt	gtccttggga	taaatcccat	gtaatcatgg	tgtataattc	ttctatagta	18300
ttgtcggatt	ttttttctat	gtattttgtt	gggaactttt	gtgcccataa	gataagaggt	18360
attgactcat	tggtttcttt	tctctgtatg	tctttattgt	ttgttttgtt	agggaaaata	18420
tgggcttcat	aaaatttcca	agaagtgtac	cctctcatc	ttttgttgg	aagagtgtga	18480
aaaaattgta	ttatcaaatg	tttagtagaa	ttcaccagtg	aagccatttt	cttctctttt	18540
tgggttagtt	ttgattactg	ttcattctct	tttaatttgt	ttagtctaat	tcagattgtc	18600
tgtttctctt	tgaagtcaat	ttggttagtg	tgtcttctct	gaaatttttt	catttcactt	18660
aaattatctt	atttgtcagt	gtacaattat	tttttgattt	cctttataat	cctttttatt	18720
tccttaatgt	cagtagtaat	gtctctctct	ttattctgta	ttctatagtt	tgagttttct	18780
ctctctcttc	cctgatgaaa	ctgaagtttt	ttccatttta	ttgatttttt	ctcaaacgat	18840
aaattatttc	attaatctgt	gctgttatca	ttatttctct	cctctgtgct	actaaatttt	18900
agtttcatat	tttttgtaag	tgctttaagg	tagaatttta	agttattgat	ttaaagaactt	18960
tccttaataa	agtggtttaca	gctgttgata	ttactctaat	factctttta	gctgcatcac	19020
aaattgtttt	gtatgtgttc	ttcatttata	ttcgtctaaa	aatattatct	aatttctgtc	19080
ttgatgtctt	ctttgactca	tgaattgttt	tagagtgtaa	atttcatctt	aaatttccaa	19140
atattttgta	atttcccaaa	tttccctgtt	tgttgtattc	taatttttat	ccattgtgggt	19200
taataacata	cttttgcaat	ttctatctt	tcaaaattat	tgaagtggtg	tttatggcct	19260
aatattgtgt	ctatcttcta	gaatgttcca	tgctcacttg	acatgaatgt	ataactttgt	19320
gttgttgtta	agtagaagt	tccatagctc	ttgagtgcta	ttgtgtttgt	agtatgtctc	19380
aagtcctctt	tttctctgtt	gatccgtcca	gttgtcttat	ccatttttga	acgtgtagta	19440
ttgaagtcct	tgaactattc	tgttgactcg	gttgacttgt	ctattttctt	cttttctcag	19500
gtctgttttt	tttctattta	ttttgggtct	tcatatata	aggtgcata	atttgtgata	19560
cagtttatato	ttctaatgtg	atggatttct	ttgtaattac	aaaaggccac	cttatctcta	19620
gtaacaaatt	gtctttttaa	gtctatttgt	ctgatctcag	tgtactatct	ccagtggttt	19680
tgtgtgtgtc	gtttgcataa	tatatttttc	ctgtttcttt	acttttcttc	tgtgtctctg	19740
aatcaaaatt	gtgtttttct	cagacaatat	atacttcatg	ttttcttctc	caatataaca	19800
cctttgcctt	tgatttgcac	tgtttaattc	attcacactg	catattatta	tttagtggga	19860
tttatgtctg	tcatttttagt	ctttttttgt	ttttgttttg	agacaggaatc	ttgtctgtctc	19920
accocaggccg	gagtgcaagt	gcgtgatctc	ggctcactgc	aagctccaat	tcccgggttc	19980
agggcattct	ctgcctcag	cctcccaagt	agctgggact	caagtgccc	acacccactc	20040
tgtggctaatt	ttttgtattt	ttagtggaga	ctgggtttca	ccgtgttagc	caagatggtc	20100
tcgatctctc	gacctcgtga	ctcgccacc	tcggcctccc	aaagtgttgg	gtattacagg	20160
atgagccacc	gcacgcccg	atttttttgt	ttttatatgt	atcatgtctt	tgttgttctt	20220
gtttttgtct	tactttcttc	tatttcattg	aaataattat	ttctaatata	gtattttaagt	20280
ttttttaata	atttttcaac	tgatttttta	tttttagtgg	ttttctcagg	attttctgta	20340
tatatcttat	cagtatgagt	ttcagattca	cactagctta	attccagtaa	tatgtagaaa	20400
tgttactcat	gtagaactta	attctcttgc	ttttttgttg	ttttttgttg	tatatattat	20460
caatttaatt	tacaagaata	tacattgttt	aaattattat	tggtgtctat	atttagctatc	20520
ataacaccoca	catattaaaa	ttgtatatat	tgcatatatg	tattatagaa	ttgtatatat	20580
tatagggccga	atagatatatt	gtatacatgt	tattttatat	aatgtttttt	aaaatgagtt	20640
aagaaaaaag	aaaaatgcat	ttctactgtc	tattatagaa	aaataattac	atcatactga	20700
acgtcttcac	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	20760
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ngctctaata	20820
aatttgcggc	cgctaatatg	actcactata	gggagaggat	ccgcgggaatt	cctaaaagaa	20880
tttgtgagac	aaagtataat	tgocctttgtc	atcctgaggg	cagttgtcat	cctgtggagg	20940
tttaaccatt	tgcttccacc	cagcaatgta	tgaacatacc	tgcttccacc	catctccggc	21000
aacacatatt	atttgattaa	ttttcttggc	tgataatggt	atctcaattgt	agttttaatt	21060

10071411.020702

tgtattttctc attgtgagag aatgaagca tcttttcattg ttttgagagc catctgtgca 21120  
 tctttttccca ttgtttctgt taagtcatgt atttgcagta ctgttaattgt tgaatgattg 21180  
 taacacatgca tctttctggc tctttaaccca tctttatcca gcoctgtcttc agctgcoctcc 21200  
 ttgctcaaaaa acagatctac tcaaacacagat cacttctgtgt gccctctccc ttttgaaata 21300  
 aatcagatgag gcaaatttgc ttttgttagg ggcctgagac ccaaatgttt aaaaagtact 21360  
 tagctgatga gtgaaaagga ggcacacattg ggggtgtcac agaaaatgag gggcgtgggt 21420  
 aatagaggag gctggcgagt aacctggcag aaggccacag aggcgaagga aggtgcgctg 21480  
 gtgtcctgtca gtgagaagga ttgtgtcact atcaactggg taacaacact gctatagact 21540  
 ctccagcgac agcagcgact ctgagaagg aactgagaaa aggggaatgc cagtttctgc 21600  
 caagqatata tggaaaaagt ttttttcccc gtatgttctt tggcaacctt ttaaaaatca 21660  
 ttttaaatgg tgaatttgat aacaaagcca gccactaaaa ctgttgatg tagcaaaaaa 21720  
 aattgtcaaa aagattttat cattttctaag aaataaaaaa aactgggatt taggcttgga 21780  
 tagaaatcca gaggttttgt ttggcataat taattacaac atctgaagaa gggaggattt 21840  
 ttacaagaat tttttttttt gtagtggagt tgccttatat tcoctttcat gactggagag 21900  
 tctgtcattt ggcaacccgc aagaactctc aggaacagag ggcoctaagt tcttgcacac 21960  
 atttggattt ttgcatgatg aacatttgca cttttattag taattgtcga gtctgtgtgt 22020  
 gtctgatcct atgagagga gaagtgtagt gtnntctctg gagctagtac ntgccccogn 22080  
 gctcacacgt cgcacacgt ctgctgtttt cangaagag caggacggct gactgtgtcc 22140  
 catctagtga ggtcctgtcc catctagtaa ggttctgtcc tcagagctcc taagagggga 22200  
 ttgctggcoct ttgattacac tggcttccag aatctgacca atctgttttg ttttgaagct 22260  
 gtcaqcttca ttttctgtgt gatcaggcca gtcttttagg tctttgttgg ttgatagatt 22320  
 tctctcaggt ctatagcgc ctttgaatg gcctttttaa attatttctt tgaccactct 22380  
 gcoctatggat tgggtctgac ctttgaatg tttgtctgac ttttagatct gacagaggga 22440  
 gcoctctctc ggaqctgtga agacccccca gatctcaact gttttcttgc ttttatttga 22500  
 agagttagca ttttttttga ttatatttta tgaataataa caataaagat attttaaaaa 22560  
 ttttctttaa attctgtgat ctaataaaga gagagactct tctctgtcca ttggaggact 22620  
 tgatgagat cgacacataa tctgtgagat atcctgtaat ttttctataa gatgggaatt 22680  
 ggtgaaatga gagcagaat gtaggcagag gatgccaaag ctcttctcta tttcttaagt 22740  
 aaaaactgagc agggcagaat ctccccagcc tctctctccc ctgtgctcc ctggggtccg 22800  
 ctgtcactgt catcgtgccc ttgacatctg ctacaagtgc acacacatgg ggaacacac 22860  
 agggaaatga acatgtgccc tgacgtgtgt gtgtgctgtg tctgtgtgct cctctgatcc 22920  
 aggcttttgt ttgttccag gctctgccc ctactcttca ggcctgtgct cctactatgg 22980  
 gcatccaagg atggaatcgt taccocagag tacacttttt aacttgattt aacttgattt 23040  
 tagtactgga gtccagaact ttaatttccc atcagaaacc tgcoctccgg acccaggaca 23100  
 ctgaccttga ttgggcacga ttttccagat aagaccttac ctctctccaa ggggtttgc 23160  
 gttcccttca gaatacacga aagtaacagt ggttccaaag ggacatgct ctactaaga 23220  
 taaaaggagga gggggtgact aggtacttcc ctctgtgccc atcccttga ggaagggggg 23280  
 ttctctcaat gcoctcactg ttccagggag tatgcttgac coagcaacac agaggaaaga 23340  
 gtgacctcat agcaatgag ggcaagcatg tggatttgc tgggtatttc ttccctaaa 23400  
 tctacctggg gacaggtgat gaagacgctt acttctctgc aatacacctg gatcaggctt 23460  
 tggcttctcat gacacatttt agccttgccc atgtgtgttt aacagagctg gctatctcca 23520  
 gaaataaaag aagagagcaa taagtacagg aaggcttcca tgcctcagaa agtgttagga 23580  
 ctaaatgtca gaaagacagg ggaactgagg agttttggga ccttagatcg gatccctct 23640  
 caactctgct cccgtgtgta taaacagtaa agcccattgt actaaaaggc ctgtgagct 23700  
 ttgtctctgg ccaggtggag ccagtgatgg gtgcccagag agggagatgc tggagagggg 23760  
 acagtgctca aggcagttgc agaaaaggga caatggctta cgtcagtcag cctagaagat 23820  
 gcaagggatg tcacagcata gtgtccacag gcatccctag atgtcttcca ttttgttcca 23880  
 ggaaagaatag tgacaaaagt agtgatggga gggttatttc aaggatgcta ttttcatgtg 23940  
 tccaaagtaa cttaagattc cttaagaact tgacctcaa tgcctttaa gacctgtac 24000  
 ctcatgccca tatgcacatt cagttagaaa ataaatgtag attctttgtt gaattcaga 24060  
 atgtgctcat ggggtggcac agcgtgatct cagtgtacac ttaagttagg atgaagtga 24120  
 ctctcttgat ctgttttctt caggtggaat tgcattaaag ttgcttgtga tctctgcaat 24180  
 gggagtggga ggcgcatgc gatgggtgccc ttaabccag tgcoctctg tgcctctcca 24240  
 ggcctgttca ttgtctgtga ggggtagggg gaggaggagt ttccaggcaa tggccttacc 24300  
 tgttctgtgc ttgtaccaag ggtcgggggt cccaaaagggt gagtccagg atgagagtgc 24360  
 acccttgggg atgtacttta gaaagattgg ggaactaggcc tcaggccagg aatgggtggc 24420  
 cagggtggag ctcccttgta tcaaggagtt agggccaaag gccatcgag tggcctgca 24480  
 gaaqgtgggt ggtgatattg cctttctggt gataacagac tctgtgcaat gttttcctg 24540  
 ggctgtggg gtgcatgga gcagatctt actcaagctt actcagctt aggtctttaa ggaaggaa 24600  
 atgctttttt atgaatacgc ataggtctgt ggggtgtgg agcctgggga atccaggct 24660  
 ggcgtgggag tctggggccc tctagcgtg gtggtgcatc ctaagctcag tgcactcac 24720

1007141.1.020702



tgtccctatt	tctctctgtc	catttctctc	ctcactgcag	tgtctccctc	ccttctctaga	24780
tttttttttc	taagttttgac	tattccaccac	cccagagact	ctgttctatt	ccatgacctc	24840
ttgtctgaac	ttcttttcgaa	tctaaaatttt	cttgattatt	ttcttaattt	tacagtttca	24900
agattagatc	tgtttgggagc	attctgtgctc	ctacctcagc	ccctgggtga	gctatggatt	24960
gggtgcccc	atgggtgacgt	ggctctggact	cccttttgtg	tgaagagctc	tggcagggca	25020
gtgaggtttt	gtggaaactca	gggagcatct	ggcactatgt	atgaggttgt	gaggtgggag	25080
agagctctta	aatctaccag	ccttgttgat	cttgggaact	aggagagagt	gtcagggaag	25140
ccagtgcacg	caggccttga	gcctcatttt	tctttggcat	tgttatgata	cctctctagta	25200
cctcgttttt	tgacttatat	atgaactaac	tcaatttaga	tgtctagaaa	ataaacgcgc	25260
caaggacotg	caagagatta	gtagtgggtg	tccatagcct	tagacatttc	ttacactttt	25320
atccacagat	aagaaaaaaa	tagtgatatt	tgattttgtt	tgcocaggct	tagaagaatc	25380
taatatgtgt	atgggtttga	gcagcgggaa	gcagcagaca	ttcttagggt	ttcctcctgt	25440
caccattcag	gagacagtgc	acacaatccc	cttggtctct	acotgaacac	tgaccacagc	25500
tctgtcattg	caggctggga	gtcctccgtc	agcatcagct	ccggctccgg	tgtcctcctt	25560
ctctcgcact	tctatcacgc	catccagcca	ggacatctgc	aggttaacct	ctgtctcaga	25620
tgtctgccatg	atcagtgtgc	agccagaaat	aagcattagt	gtctgttagt	tcttgaattt	25680
ccattttgctt	aatcaatctg	ccttttgtct	aaacagtttg	cgagttttat	gtgtggtttg	25740
ctccaccaag	taccctatgt	agtctcattt	cttcaattag	atgtctattc	gtctttaaaa	25800
ttgtttttac	tttctgtgct	tttatccacc	tgttctgcat	gcagtttccg	tgcagttggt	25860
cttgagtgtg	gtccaccagc	ttccgtgcag	tctgctgttg	tctcagaagt	tctcctcaag	25920
cagagttctc	tgacacaaag	gtcactctgt	acagttatct	gtaaggacac	attacaggcg	25980
tcaaaagaaa	atctcctttg	ttcagaatgg	gcccaggcct	tgaagcctgc	taagaatacc	26040
aaagccagaa	gaacactaaa	gttctcaagg	tcctcaatg	atgtgggtga	gaagcgcgag	26100
gataactcag	aaagtttctg	ctatgtggaa	agaacttgtt	ctgaaggaaa	atcaatactc	26160
ccctaacgata	cgtgtgtccag	aacttaacag	ttcatcata	aagaaaaaaa	accctcgaac	26220
cacaaaaacc	tgtggcaatt	caaacattct	tgtgtttcat	gcctttctgc	cggtcgctca	26280
actgcctcag	agggtgaaag	tggcaagggg	ggcagggccc	gcctgctgct	ggaagagaag	26340
ggcagttgtg	agggccacgc	cogaagccgg	caactgtctc	agtaacttgt	ctcactctcg	26400
cacggcttga	gcgcacagag	cctgcacag	ttccatgagc	tgcagagctg	cgctgcctgc	26460
ctgcacactc	ccaaagtctc	cagcgggctg	gcaggagata	tgggcttctg	ctctgacag	26520
atgggagacg	acgatgtctt	tgaaggacag	acactgtcaa	actgaaagct	tagggttgtc	26580
cgggcgcccc	tctgtctccac	ggaaaaaggac	agcgacctgg	attgtccttc	tcctttctct	26640
gaaaaattac	cccccatatt	tcocgtgtcc	acgtcagggg	atgttctcag	gttggtttgc	26700
caggaaagtgc	ctctctagcc	atctctgctc	gcacacaggaa	cctcctcttg	ttttagtatg	26760
tgaagtttca	ggaaaaatgaa	gtaaataggaa	gltgtaacca	gltgtgggtt	gatgtgtttc	26820
tcocagaagaa	tggagtatca	atatcgtttg	aaaaacttaa	tttttatgat	gtgagttcca	26880
agatagtttt	acaaatgata	aaagaggaag	aaagctggctg	ggcgacagtg	ctcacgcctg	26940
taatccccag	actttgggag	gctgagggcg	gtggatcacc	tgaggtcagg	agtttgagac	27000
cagcttggcc	aacgtggcga	aaccocgtct	ctactaaaaa	tacaaaaatt	agccggggct	27060
gggtgcggcg	gcctgttaac	ccagctactc	aggagggctga	ggcaggagaa	ttgctttgac	27120
ccgggagagc	gaggttgtcag	tgagccaaga	ttgcccattt	gcactccagc	ctggggcaaca	27180
agagtgaacc	tctgtctaaa	aaaaaacaaa	acaaaaaaaa	aaaaaaaaga	ggaagaagct	27240
acacatttta	aaggccaagc	tgactcttct	aaactaaaaa	taagttagct	ttgcataaag	27300
aaactggaag	aaagaaacta	gtatctttcag	ttttccagcc	tgtgtgtcca	gtttttaagc	27360
attgttgtcat	ctccacagct	ccttttttaac	ccttctctcc	tacctacccc	caaaaaggtg	27420
gtggggaagt	gctgtttctc	agtagctcct	tccttctctc	tttttaactg	aggtgtagcc	27480
acctatgtcc	catcctaaet	ctgtttcccc	ccttttatct	cccttctgca	gcactcctgt	27540
ctggcctcca	taattcactt	tttgctcatg	ctcttctgct	ctcctcattc	tgacettttt	27600
ccagttctcc	ctccttagtg	ccagctgtca	tcatttctaa	ctatttggat	agagatcccc	27660
tcaactaaaa	agcctgagag	cctggctcct	tcocaggaca	gtgcccccaa	ctgtctctca	27720
gctcgtggaa	aagacccctc	tgtttcttaa	aagcctgtta	agttctctca	gcgttagtga	27780
tacaccttgt	tgcataactc	cttggaaata	gagagtgtct	tcaaatataa	ttctcactta	27840
tgtctattag	tgtgtcccaag	aaaaagagat	gaaattgcag	catcttgcag	ttgtgagtgt	27900
tttagtgtta	ggagagaggt	actgtcatct	ttgtttactt	gctgagagac	gacagaaagt	27960
tgtagttaag	gggtatgcag	gtaaagtgcg	tgattatgc	taaaaaagcaa	acgtcattta	28020
aggtcactgg	tatttttggg	tgtgtggaat	cagcgcttac	catccataca	agaaacccgt	28080
gggagggcca	agaccatccc	gtgcgcggcg	ggaacocgca	catccgccac	ctggagtccc	28140
gctggagcgg	gcggagaccc	acgcgcgcgc	caatgtcccg	gcgcgcggcg	tgtcacccca	28200
gggcagcgcc	gtagtgcacc	ggggcacaa	cccagagcgc	cgccggcgcc	gcgcgcggaa	28260
ggagcgcaga	cccgctgaac	acgcgcggag	acogtccgcg	cgcccgctgc	gcgccactgc	28320
tactgcacag	ggcgcggggt	gacgacaaaa	cctcgtgtgc	gcgcgcctgc	gcagtcgcgc	28380

10071411.020702

gccccccccc cccccagcgc gcgcacccgc gggcgccggc cgaaccgcgc aaggtgagag 28440  
 ggcgcgtggc cccggggcgc gaccactatc attctccgcc acacggagca aggcaggagc 28500  
 accacggcgc cgcggcgggc cgcccgctcg ggcocaaagc cccgcccgcg agcggnnnn 28560  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 28620  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnagg cggcgccggc cgggggggct 28680  
 ggagagcaga ccccgccgaa gagggccgaga gaaaaagcgc ggcacccgcg cgggggggct 28740  
 atttacaagg cgcctctggc acgaaggagg ctggggcgaa gatgagttcca ggggttgggt 28800  
 tgagagcgct gcgcagccgg gctgagaaga gaagctgacg agtgactccc gacaaggagc 28860  
 gggggagagg gaaacctggg gcaggcgagc gcctaggggg tgggctctga cggcagccac 28920  
 tccccacggc cccctcccac ccccgaggc cagocacatg ccccgctgct cggcgagacc 28980  
 agctacatgg attccagcgt cctgaagggg gatgatcggt agggagtggt tgccgaggct 29040  
 cacgcctgta atgcgcgtg tcggggatct ccgagcgagg ggcgtcgctg agccggggag 29100  
 gtggaagctg cagtgatctg cgcactgaa ctccgcctg ggcggcagag tgagaccctg 29160  
 ttccaaaagg caccaggggt gtagggaagg agcgatctc cccaggcaag gaaggctgcg 29220  
 gagggccag gccaggagag aaggggccctg agctcagtg accggcaggg tgctgtgga 29280  
 ggaaggggag gacgtagcag caggaggaag ggtgaggacc caggctgggg atcgggagaa 29340  
 gtgatggcgg aggaagaaga ggccggaaga ggaaggggcc tgctggcctg gcactggaaa 29400  
 cgaagcgctg ggtttgtata tgggaagaag accacatccc caactatagg aaccactttt cctgtgaacc 29460  
 cagaaaacat ttggccccaa gtccacaaag caoctatagg aaccactttt cctgtgaacc 29520  
 aagtaggatt cctccactct taacttccca aatgtaccct gaaagcctct gaactccttg 29580  
 gaaattttaa aaattaaacc ettcatttaa ctgatgecta aaaaacatat tggctttcat 29640  
 taaattttgt tatgaataca gggatgtglt ccattgtaaa ataatttgt tttggaaaat 29700  
 tagggtgtga tcccatctaa aaatcagacg aggttagaaa atttcaattt tattgtctaa 29760  
 ggtagatcca tttgtttaa aatgcactat aaaaataagc caagagttaa tacaagatcat 29820  
 gaagtgcctg tctccctcaa aaaaatgatt gtctctgagt caaattcaat tggaataaat 29880  
 tgcacactct tcgacagtggt ttctcaaaat atagcttgcg tcaagaatccc ctggggccct 29940  
 tctcaaatct tcgattgcta cactcccgcg ctagagtggg ttaacctcag tgccactgg 30000  
 cagaaaaactg aaactttggct gaagtccacc aggaggccct ccccgtaaa cctctggctg 30060  
 gcgacagctt ggtttctcct cgcgtgcttc tgagtaattc ggcgttgctc ctgcctgca 30120  
 ccacctctct tactctgaag gggggccagcc ctctccagca ggggttgctc ctgcctgca 30180  
 cagcacactc gctggctaaa aaatggaaaa gctggtagca gagggaagaa cgaaggagac 30240  
 agaggttagg tgaacctcaa tggcctcatt aaagcaaat gagaagaaga gtttctctc 30300  
 cagttaggcg ggagcagtga gaaatcgccg cgtcctggg agaagtaggg gcgagggggt 30360  
 gggggcctac cgggcacatg gccaaacagc ggtgccacg ggggccaca gtttggcaca 30420  
 ggagaaagct gaagatcgag gagaagacta ggtcactgcc cctaggccag ctgctcaagg 30480  
 tggctgttac ggccttgaaa aagcctgggt ccctctctg gttgacagggt 30540  
 ccttcttttt acaaaagcgg gtcttcgaag cctgaatat tccagtttc tgaaggata 30600  
 tagaaaaatt ttgcctctag atgacatgta aatatgttcc tcttaacttc acttcttctc 30660  
 acatctgtgg ctcttctgta gaactaccag acccaccctg ttttcagagt aaactctctg 30720  
 ttttagtggt aaacagacc agctgggttaa ttggtgactc actcctgggt cctccaaaaga 30780  
 acaggggcaa gggaccacc gggacactcag gtgcccacgc acaggacctc tttctggggc 30840  
 accctctgac ccttgcggcat cttcaggccc tacagggctc tcggggcctc cgtagagctc 30900  
 tcatctccca gaaatagact ctttcccca cccagactga caccagatgc taccgttagg 30960  
 tttaccctcc cagottgaaa agcatctcta gccagaaca cagcgtgac gagggtgct 31020  
 gggggagaaa gggagcagca aggtgaaaag aagcttctc ggttattcca gtgcctgct 31080  
 gctggtctga gcatgtgta gaccacagca gcctccctg aagcaagcac gtgtgtaaaa 31140  
 gccctcctt ccccaaaagg ggtggtacc aagtgaagaa ggtaccagaa ggaactgaa 31200  
 atgtgctgg tattattcga cagctccagg gtgctgtagc actgagcacc tactgtatgc 31260  
 agccatcac aaagccagc acactgccca ggcgtgcca atcctgacac atgaggagaa aagacagta 31320  
 ccctctcggt cactgcagc tctctgttcc atcctgacac atgaggagaa tggcctccta 31380  
 ctcaaaaagg gctctagcct tgtggcccca ggaacctctc ctgagatca tggcctccta 31440  
 gggagccag ggtagcgagt acaaaaggaga gaagcatttg ctaagctaag aaaggatgga 31500  
 aggaattgct tgttctgct ggtgacacc ctagacctgg caggggcagg aggagagacc 31560  
 cccagtgct ctgtgctatc cttaggagtc cccctgtgg ttgctccagt ttgctgcctt 31620  
 cctgcatgtt cacagggtga ttcctctgag acaacagaga tgggatgta ccaaggccctg 31680  
 tgtcccatca cccaggctct cccacgctcc catctctca ttctgttga tcaggagagt 31740  
 gtggggaggt cctgacctc ccaagctttc ccatgacaag gtgtgtctg acagctcaga 31800  
 cccagccatg ctccactga gaagtgggtc caggcagagc actgggtctc ggccacctag 31860  
 gctgcctcc ctaggggtgg gcaggaaagg gagccactgg aggaagtgcc cggggcacagt 31920  
 cccctgcacc aggtgaggtc acctctagt ccatgaggcg atgctcagct agccctctg 31980  
 gacactagaa ggcctgggct caatgtgagg taagtgtcag gcatgactgt gcctcagca 32040

10071411.020702

tgcataaggc agcaggcata gattcataca cgtgagtttg cacttaagct gcagtaagag 32100  
 ctacagaggga aatgaacaga gacagcatca ctccagtgag ccctccagat acacccccatg 32160  
 tgcgcagtaga gagaatggga tagtctattg ggcagagccac ctcaaaatac acacagaccag 32220  
 atggcttaaa cggcagatat ttgtctctca caggtccgga ggctagaagt ccaagattag 32280  
 gggtccagcc aatccacttg ctggtagagg ccoctctccc agcttgacga tgcctctgtg 32340  
 ttcccacagc atgtgacagt ggccagagaga gggggacagg gcatgaataa gcctccgttg 32400  
 ccttccctct cttaacaggga tgcctaattccc atcacgggta cccacacctg gtgacctgtg 32460  
 ctaaccctaa tcaactccca aaggccccat ctctaatgac catcacactg ggggtcaggg 32520  
 ctccaacata tgaatttggg gagcaoaatt tagtccacag cagaaaagaa aggggcacag 32580  
 agcattccag cctgaaggaa acagatgtgc aaaggcccaa ggcaaaaggcc tgagctctga 32640  
 gggggcaacca gagtcaaacg tgaagagtgg gcaatgattg agcactgacg gtggagaggg 32700  
 aacaggctaat cttgttaatt tcagtctttt gtgtgccaga gagaagaact ggggcacagt 32760  
 gtgtcatggt gaacactggg cagactctcc acgctcctgt cctgcaactc gcagggttat 32820  
 ggaggaagcc tgggaagtct ctcccctctt tcccaacttt cctggaccca tcccacacc 32880  
 tgctctctcc aggaagccct ggggattgct catacaactca catctcaact cttagtacct 32940  
 gcagcctgca ttctgaattt agcaagctct ggccttgggt ttctatttct ttgtcctgtg 33000  
 cagtgagcat ttggaacctt ctctcagca ccaaacacgg agccatttag cagaaaaatc 33060  
 atgagttttc aagtcaattg aactgttcat cgccccaaaa cctggacacac accgttagag 33120  
 agotggatct ctgtctgtag aagctttctc agggactggc ccaccagagt ggggactgca 33180  
 agtgccagat gactgaatga atgaacacat gtgtgaatgg aattcaagcg actggagcct 33240  
 attctggagg gtactggcct gtctcttcga caggtgaggt gcagtagaac agcatccgt 33300  
 atagatgcca gtttctgacc tgggtctgaa aagccagctca cctacotctc cagagctgccc 33360  
 tggagggggc gggggtgtgt aggaacctgt agagcttggg agactggggt cctgcagagg 33420  
 gaggcagggc tagtctgccc aaggtgacct ctctcctggg tgcagagtag gagaacctgt 33480  
 ctccaacagc ctctcatgac atgttccagt ctcttgga aactctgccc gactttgaga 33540  
 aaatctttgt caagatcagc aacactatct ctggtgagtg tgcccttggg ggcaccaagt 33600  
 ggtctgggga caggggatgt tgctctcctg tctgatactt gcgccggaaat gcacggaggg 33660  
 ctctgcctgc gctcagactg gggggcctcg ctgccacctg gccacctgtg acagcacccc 33720  
 ctacactcca caccttttac catcactgtg gtcacacctg gtcacacctg ttctctctcc 33780  
 tcaagtattc aagctcagac accctcaacc toatttcaact atcaaaagtc taaaaagtat 33840  
 cagaaaactt ttctggcaca aatcaatcat ttgtgctctt gaacagagca taaggcagac 33900  
 ttggcttggt ttactagatc ttacacaaaa gcaactttgg gtcccttttg actagagatg 33960  
 tttgttagtg agcaactagg tcatagtggc cagtcattgga cgttaggaag 34020  
 gcaggaaatg ctggacaaga agaggtgctg aaatcaggac atggggaacc aaacttgcca 34080  
 aactgcccc cttgagctct ctccagccc tocttcttcc atctctggca ctcactgtg 34140  
 ggctgaagga cctgagtgct ccaggaggct tctgagccac gaagggccag 34200  
 atgagttggt gccacagcct gaccagtgga tgggcagggg gcagcagtg gagctgtgccc 34260  
 catccaggga gcaactcggg agggagacca agcagggaact ctgctcttag gtgaggtcag 34320  
 gagggccatg gccctggctg cctctactc agagctcagg gtgggcctcg ctttctctct 34380  
 ggtagagcgg gtcatgaaac actggccagg agacctgat ttggctacc agttcctgaa 34440  
 ttgctgcaac cctgtgttga tccggcctg cccagagaag ctcocggtgac 34500  
 cagcgagatg gttagctcag cctggagcgg gctagcagc ttgtgagcagg agctccaggt 34560  
 aggggttgat ggggtgggga agtggccaa gtccagctct gtccagtgga agcactctcc 34620  
 tccctggcag tgctcatagg ccaccaagac gctaaactga ggcccatatg gccaacagca 34680  
 gcgccttctc ttctctggca gcagtgtaac ccagggtcct ggccattatg cagactgtct 34740  
 tgtgcaacat cagagagaga attgcgggga atgttctcc atgatctctg actgtgggaa 34800  
 cataattgta atattttcac tatcagtatc aataattaca ggagctacc ttgattaggg 34860  
 cctgtgtgt ggaacaggcat tgtgacaggt gctttacaca caaggtctac agttgtctcc 34920  
 caccttgcaa aggggagaac actggagaaa gaagcagacc ttgtgtgaca atacacaagg 34980  
 ggccagaggga gaaccaacaa gaatggttga tttctctgtt agaatgtgtg ctgcccactg 35040  
 tctctgca gacactccac tgcagactca gctgcctccg gctgcgaagc 35100  
 tgactctagt ttgagacaga agaagttaaa accaactcca cctggatctg gtggggctg 35160  
 gcaacaggcg ctggccctac agcctgcctc tcccccattg atccagcgtg atggggcctc 35220  
 ctgccaacca gggcctgtct cctatcccca ggtgtccagg ttgctctg cctctccagt 35280  
 ctttgacgca cagcttaacc tggagcccta gttggagagg ggtgttgg tgccctttaga 35340  
 gataaaccta cagccccagt acctggccca cctgaatcta gagggccccc acccagctg 35400  
 aagtcctctg gcaagctctc tgccccagtg caggcagtg ttctaaactc cctcctctc 35460  
 ctgcaacca cagggccag acaacttct ggtcatgtga acagctgaca gttacaatcc 35520  
 cccacacact gagagagct ctgtgttctc agtgggactg atgtgtaga ttgtgtaa 35580  
 ttgatttggt ggcctatagg ttcaaaactc aagtcagaga tcatagaact ttaagccata 35640  
 tagaatccta gaattggaag actctgagca gccatctctg caccagcag ccaaggagt 35700

10071411-020702

gccatctca gcaacctggca gggcatcagc ctccactgg gactccggcg cacctccagg 35760  
 gcaactgggt tatgattcac ctctctcttg agctgaccca cccctcaact actagactct 35820  
 taacaacaca ctgcccctgc taatacacac agcatgatt cttaatcccc acagtacttc 35880  
 acgctgcoca tctggcagca ccttaatatg ctacagcaag ctgtgtggct actaaaaagc 35940  
 cctccattgt tttttaaaat gtgcagttat tttccggatc atgaatatag aaattgtatc 36000  
 cctgttgttg gtattgatgc agtgttccag ctcaagtttg agttcttaga ctttatattc 36060  
 ggattctctg ttgtccaaat acaaaaatca actccactcg gttaaataca agaactctat 36120  
 ttggtccagg aacagctaaa agcaatgcta actcaatttg gaccagggtc cagatcatcc 36180  
 cctgcactgt ctctctctgc ctccatgtct caatctctcg ctctgtgtga tttttctct 36240  
 agggagggtt ccttatgttg aggtaaaaaa tgatcacccg cagcttcaga tttactcttc 36300  
 accaggttag caaacaccac ccactcccg caagaagaag cctgtttccc caatgctcca 36360  
 gcagatgtct taggcactgc ctgggctcga ctgattctgt gaggcagtg caacggcgag 36420  
 gagaatggaa tacactgacc tagaggggac agggactcta gacaggcaaa aactccaagt 36480  
 tcagaagcag aatctcaaaa tgtcagaact gaaaggtagg cccgcctctc gttttccaga 36540  
 aaatatgaa gagggtcttg gataacagag aaatgctgca ggcattggcc ccaaatctca 36600  
 ggctctctat tcccgatttc accttcacca gctgggttg ttccaagatt ggattagcag 36660  
 ccattctctc tgggttaggt ctgatgtgca cttaagctct caaaggctcag ctatccagcc 36720  
 atagtcttag aaggccaagac atcactgtgc cggaccaacc caagggtctc cctcgcccc 36780  
 cctcaacaca aggtgccttg agtgccctcg cggggatagt ccccgctccc accctgtgtt 36840  
 ccccccgcga tcgcgacaga tgcctcagag tcatccctgg tctaacaagag gcttaagag 36900  
 gaggggcggt gccaggctcc gagctctcgt cgtctcgggt ggggtggctc tgtcctgctg 36960  
 gccgcggcgg agcccccggg tctctggcgc gggcgcggtc ggtggagctg cagggggggc 37020  
 cctgtgggat tctccaggca gagtagatac tgaccctccc gactgcggga cctcacactc 37080  
 ttctctcatc actcaggaaa cagaaaaagg ttcagaagga gcggccatgc ccccgcccta 37140  
 agcgtctcgt tctcgcccca cgcggcctac cctgcactac cctgtctcag gggccctctc 37200  
 gcgggaccca ctgcgcggtc cgcagcgccc gccgcctccc cacttcacgc gcaactcgt 37260  
 tgggtgtcga ggtgtgttga cctctacagc aaaggcgca gctgcaggtg tgatagagcc 37320  
 cgacgaattt acacaaatga cccgctgtgc cgcagctctc agacccaggc acacacagcc 37380  
 aaccctcgag accaccocca cctccccagc cactgcagac cctctcccc ctgtctctgc 37440  
 agcactcgtc ccgaaacaag ctcaattccc ccccgcgaga ccttccctac ctctcggaga 37500  
 cccccctcaa cccctgtaga ctccccctgc cgtgcagaat ttgctctctc ctcocccga 37560  
 gcccccctac cccacactgc ggacagcccc gctcgtctcc tgttctctc ccaagggaga 37620  
 cccctctcct gccctcagct ggggttgagt tggactatgt tgactatgt tgagactctt 37680  
 caccacgggc ttgaagtagc gtnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 37740  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 37800  
 nngagcgtac ttacggcccg gtgaagattc cttacacctt actacaaaaa 37860  
 tggattaaag acttatatgt cagacctaaa accataaaat ccttagaaga 37920  
 aataccattc aggcacatag catgggcaag gactctatgt ctgaacaccc 37980  
 ggaacaaaag ccaaaataga caaatgggat ctaattaaac taaagagctt ctgcacagca 38040  
 aaagaaacta ccatcagagt gaacaggcaa ccacagaaat gggagaaaaa ttttgacct 38100  
 actcatctga caaagggtca atatccagaa tctacataga actcaaacaa atttacaagc 38160  
 aaaaaacaaa caaccocatc aaaaagttag caaaggatct actcaaaaag tttctcaaaa 38220  
 aagacattta tgcaggccaa aaacacatga aaaaatgctc atcatcactg gccatcagag 38280  
 aaatgcnaat caaaaccaca gtgagatgcc atctcacacc atgtagaatt gcatcattta 38340  
 aaaaagtcagg aaacaaacag tctggggagc gatgtggaga aataggaaac cttttacact 38400  
 gttgtgtggga gttcaacta gttcaacat tgtggaagtc actgtggcaa tctctcaagg 38460  
 acttagaact agataaacta tttgaccagg caatcccatt actgggtata taoccaaagg 38520  
 actataaact atgtctgatc aaagacacat gcacacgtag gttattgtg gtaactatcc 38580  
 caagagcaaa gacttggaa ccaocccaat ttccacaaat tgacagactg gaactagaaa 38640  
 tgtgccaact atacaccatt gagtactatg cagccataaa aaatgatgag ttcattgctc 38700  
 tttgtgggac atgtgatgag ctggaaacta tcaattctga caaacatag caaggcaaaa 38760  
 aaacaaaaca cctcatgttc tcaactcatag tggggaattg aacaatgaga acacatggac 38820  
 acaggaaggg gaacatacaca cactgggcac ttgtgtgggg gggggggctg gggggggagt 38880  
 agcatatgga gatataccta atgtcaaatg acogagttaat ggtgtgcaga caccacaatg 38940  
 gcaactgtat acatatgtaa ctgacctgca cgttgtgcac atgtacccta aaacttaag 39000  
 tattaataa aaaaaaata aataaaaaa aaaaaataa aaaaatgaag aaaaactagt 39060  
 cttctcagc aacatggatt tggctagagg actttatctt agccaacaaa atacagaaa 39120  
 agaaaataca ataccacata ttctcactca taagggggag gtaaacactg gggtactgat 39180  
 gacataaaga tagcaacaat agacactggg gactattggg gtgtgaaag aggggaaggga 39240  
 gaaagtgttg aaaaactgtt gactactatt ctaagtattc gggtaattgg accattcata 39300  
 ccccaaacct caacatacaca caataacacc aggttaacaaa cttgcacaag tgcctctga 39360

10071441.020702

atctaaaata	aaagtgtgaa	aagcaaaaaat	aaaacagtaa	acaacaacaa	caacaaaaaa	39420
gcacaaacct	caataaatac	ataataaaaa	atataataaa	atgtcttttc	cgagagcttt	39480
tggtttttgt	gtggctttga	gttagtatct	ggggtcacgt	tgcttttgca	ctgttttgca	39540
tcaactgcac	cctatctaat	atttcttttt	cttaataagta	aaccactcaa	tttttggtag	39600
gagataattc	attgtgtgtt	tgattttacat	ttctctaagt	atttcttttc	cgatttggat	39660
gctgagacct	ttttctttatg	ttttttgccc	atccatatatt	aattttaaaa	gaagtgtcta	39720
ttgcatacct	tttgcacttt	taaaatcata	ttatttttaa	atattgtgtt	gtagaaaatta	39780
tttaatatatt	ctggatatata	actcttttato	agatatataa	tttactaata	tttttctcca	39840
tcocaaagtt	tttttaacaa	ttgttatgtc	ctttaatgca	taaaagtgtt	aaaaagtgtg	39900
atgtagtccc	aattgtctat	tttttctttt	gttgtctgtt	cttttgggtg	catattaaaa	39960
aataattgoc	atatccocctt	attctaaagag	ttttatagtt	ttagatcttc	cattttaagtt	40020
ttaaatccat	tttgagtttaa	ttcttgtata	tgccataaga	caaaagtltca	acttcaactc	40080
ttcatgtgtg	gatataccaa	tttcccaaca	ctgttttgtt	aagagaagtgt	tcttccctca	40140
ttgagcggat	ctggaatgct	gtaaaatatta	tttgaccata	tatgtggagt	tttcttttaa	40200
tggtgtcttt	attctattcc	attggtctat	atgtctctct	ttagaccagt	gtcatgctgt	40260
tttaattact	gtagtcttgt	aacatgtttt	gagatcacgg	agcatgagac	cttcaactca	40320
gttagttttc	aaagtgttgt	agtccagagta	tatatgaata	tttagataaa	tttttctctt	40380
ttttcaaaa	atccagctcta	gattttgata	gggatttacct	ataattttgt	gactgctttg	40440
ggttctattg	acttttcaaa	tttaatacata	atgttgtaca	gattttggga	atacatctga	40500
tatttttgag	acttttaact	taaatctttc	aatccatgaa	taccatgttc	tttcaacttta	40560
tttgtgactt	ctttcagtag	tgttttgtag	ttttcaagt	acaagccttt	tatttccctg	40620
gctaagttta	tttctaagta	ttttactatt	tttgatggta	tttgataata	attattttct	40680
taattactct	ttgatttgtt	atagtttaatt	tatagaaaag	ccaagtattt	tttgtgtctg	40740
attttggatc	ctgcacattt	ccagaatttt	tttaatatgt	ccaacagttt	tctggatttt	40800
atgcataat	gcacttaaca	gttttctaga	ttttatgcag	tttatagtag	ttttttgcat	40860
aaaggtacag	gtcatctgtg	agcagagata	attttacttt	tttcttttat	tcttttggat	40920
tcttttcttg	cttaattttt	tttctctaat	tggtctgctt	ggaaattcaa	atactattat	40980
gaatgaagcg	gaagagacag	agtatacttg	tcttgttctt	aatccagaaga	aaaagtttga	41040
actttttacc	attgagtgtta	agtttacctg	tggtattttc	atatattgoc	tttatattgt	41100
tattttctct	ctattctcag	tttgtcaggt	gttttctgtg	taaaaggtgt	taaatattgt	41160
taaacatttt	tttctacatca	atataaatga	tcagtcttct	ttgtcttata	tctctattact	41220
atagctgtatt	acattgtatt	ttgcagtgtg	tattattctt	tttttttgag	atgaaattct	41280
attctgtcat	cttgctgtgga	gtgcagtgcc	atgacctcag	ctcactgcaa	tttgtctctc	41340
ctgggttcaa	gggattctcc	tgtctcagcc	tcocaaagt	ctgggattac	aggcatgagc	41400
cagcacaccc	tgccacatgt	tctatcaatc	ttgcattcca	ggaataaagc	caactctgatc	41460
atcacaaaa	ttggtctgta	gttttctttt	catgttaatt	ctttgtttga	ctttgaaatc	41520
agggtaatac	tggtccataa	taatgagctt	tgaagtgttt	tttatatcca	tttttgtaa	41580
tgaactttgag	aaacatttgt	tctaattctt	ccctaaatgt	ttggtatgca	tcoggtctctg	41640
ggctgttgtt	tgtttggagg	tttttgaacc	agtttaattc	ccctgttagt	tataagctcg	41700
ttcgtttttt	ctactctctc	atgattcaact	cttattaggt	tgatatattc	tgaaaatttta	41760
tgcacttcta	aattataccaa	tttgttgaca	tataattaac	tggtgatgtg	attttcttat	41820
aatccttttt	attttctatg	catgggttct	aatgtctctc	tttttatttc	tgattttata	41880
gttgaactct	ttttccttag	ttaactctagc	taagcatttg	ttaattttgt	tggtgttttc	41940
aaaaaacccc	tttgagtttt	gttgattttt	ttctattgtt	tttatattct	ataatttact	42000
tatctctgat	ttaactctaatt	cttttaggatt	ttctctcttc	tgctagcttt	gggtgtagtt	42060
ttttttctct	ctcaggttttc	tgaggataaa	agtttagttg	ttgatttgca	aacttttctc	42120
tactttcttt	tttttttttc	ttaagtttgt	gagatggggg	cttgtctttg	tgccagagct	42180
ggctcctaat	cttggtcttc	cagaagtctc	ctcctccag	ccgtccaagt	gtcgtggatt	42240
gcaggoatga	cccaccatgc	ctagccactt	tcttctcttt	ataatgcaca	tatttatagc	42300
tataaaattc	cttgttagca	ctgcttctgc	tgcattctac	acatttttgt	acattgtatt	42360
ttattttctc	tttatctcaa	gataatttct	aacttccctt	gtgatttctt	tttgtaccca	42420
ttgcttgttg	aaaaacttgt	tgtttaattt	tcaacatatt	gtgaattttt	tgttttctct	42480
ctgctactga	tgtctagtgt	tatgtcaatt	tcatacaaat	agatattttg	tataatttca	42540
atctttttaa	attttgtta	agtttttttg	tggtataaca	tggtatttat	ctttgggaat	42600
attccatgta	aacttgagaa	aaatactatt	ctgattttat	tggttggaat	ctgtgcaaca	42660
tggtttgtag	caactatttt	agtggtgttc	aagtactgta	tttcttcttc	gattttctgt	42720
cttgtgttgc	tgcaactatt	tgtaagttag	gaattgaagt	gcctacacat	tattatgctg	42780
tttatgtttc	ctctctgattc	tgctcaatgt	tgcttcagat	atttaggagc	ctgtgtatta	42840
gaggtatata	tatttgtaat	tggtatatct	ttctgtgaa	tgtacttttt	tcttatataa	42900
atccattttt	ttgtctgtgt	actatttttg	actttaagtc	tattttgttg	gatagtagta	42960
tagtcacttc	tgcttgcttt	tatttaacct	ttgcattgca	tttacttttc	ctttttttca	43020

10071411.020702

tttttaagcat	atttgtttct	tagacctaaa	tgacaggata	aagttgggac	ctttttacaa	43080
atccattttc	cagtccttat	cttttgatcc	aggagtttaa	tccattttaca	ttttaaagtaa	43140
ttactgatag	ggaaggacat	acacttgcca	ttttgtgtgt	ctctgtaatg	ttgtcaaatg	43200
ttgtttttta	ttctctctct	tactgacctc	ttttgggttt	tgtcgatttt	tttttgggtg	43260
gacattttga	ttcccttccf	gtttcctttt	gtgtgtattc	tatagatttt	tttatgggtta	43320
ccataagaat	tataaaaaac	atctttaaag	gttaacaagc	ttttttaaac	tgttaagaga	43380
ataaacttga	ctgtgtacaa	aaactatttc	ttcaaagctc	ctaccctcac	cttaggtttac	43440
ttatgtccaa	agttacatct	tcatatgtaa	tgtattcatt	aaacacagtt	tatagttatt	43500
tttaagcttt	tgtcttgtaa	attctataca	agaattaaaa	gtgcatttat	gtaccaaaaac	43560
tgcaatagta	tcgtctctata	tatgtccata	tatttatctt	tactggagag	cttttatatt	43620
tcataagact	tcatgtttact	atttagcctc	cttttgtttc	aacttgcaac	atactacagc	43680
aggtcaggtg	gtaaatgaac	cccaggtttt	tgctcatcct	ggaaagctgt	gtttctcctt	43740
tatgtttgaa	ggatgggttt	gctggatata	atatttttgg	tgtaaaattt	cttttctctc	43800
agctctttga	atatattatc	cccctgcott	ctggcctgca	aggtttctgt	tgataaaatcc	43860
actgataatt	ttataaaagg	ttccttttat	atgacaagtt	actttctttt	gctgctttca	43920
agattgtctc	tttgtctttg	acttttgaga	gtttgattat	agtgtgtctc	actgtgagtc	43980
tctgggtttt	cttttaacatt	ttttttttgt	tcataatttc	tgtatgatga	ttcctttaac	44040
tttttatatt	gtgaaatgtt	ttttcttcat	tttcagaagg	tatttttagt	gagtgtaaaa	44100
ttctacattg	acagtttttt	ttcttcagta	ctgttttagt	tttctctact	gtctctctgc	44160
tttgtactga	tgttatagaaa	ctctgctgta	attcttatct	ttgtgtctat	gtacttaaatg	44220
tgccttttta	ctctgcctgt	ttttaagatt	tattttttat	tattgatttt	gatcatgtgg	44280
cttgggtgtg	gtttcttcat	atttatitgt	cttggggttc	attgagctta	ttaagtctgt	44340
aggttttatat	ttttcattac	atttagaaaa	attgtagcca	ttattcattc	aaattttttt	44400
ctgtctctct	cccatcttcc	atgcccctat	ggggtctaatt	tatatgtata	ttaggctatt	44460
tgaggttgct	ttacagctga	cttacagctc	ttatgtttat	ttttcccaat	ctattttctt	44520
tgggcaggtt	tattatactt	ttcccttaatt	tgtcaatttt	tttgcaatgt	ctaattccaat	44580
gttaattctc	tccaagtgtat	tatttaattc	agacattgta	gttttctact	ctactgaattg	44640
ttcatctttt	tatatctctt	ttgtctctat	ttgatatgct	aagtcctttc	tctagctctt	44700
tgagcatatg	aaatatagtt	atgacaacta	ttttatttta	tacaacattt	tacattaggt	44760
tcagagggtac	atgtgcaggt	ttgttatgta	ggtaaaactcg	tgtcacagga	gtttgtttat	44820
ttttctatca	ctcaggtact	aagcctaagt	cccaaatagtt	tttcttctct	gtctctccct	44880
ttctctaccc	tccaacttca	agtagggccc	agtggtttatt	gttctctctt	ttgtatcaat	44940
actattttaa	tgtctctact	agttctctta	tttttgctat	cttgtagttg	atttttatctt	45000
ttctcaattg	gocattttct	ctactctctt	tgaatatctg	gtatgcacaa	tatacctagt	45060
atggtatgat	tatacaagcc	ctgtcgcaat	atggataacct	aaaaagaaatt	aaacaaattgt	45120
accagtttgc	tctaagcctt	tcttagctct	tttgcctgtt	tctcaagaac	aagcacagag	45180
ggtggagctc	aaccaagact	gaagttaaag	atgtagaag	attgagatgg	gaagttaata	45240
agttgaggag	ctctgatata	atggtatttc	tctttttaat	catgtaagat	ggaagcccaa	45300
gataaatatg	tgggaaaagt	gaaggcgaa	gtcttgagaa	atatgaaatg	accaccaaggc	45360
tatggctggg	tgatagaaat	aactaaaaag	ttttaaaagg	attgtttttat	agctggctct	45420
tgtcgaggtt	aggggtagatg	ctgtgaaaaa	tttgacagtg	gtattgcccc	ggcaggagctc	45480
ctcatgacat	tctccagatc	octaagtttt	tccaagattc	caagcatctc	ctgtggccagc	45540
aagtcatactc	cgacagacaga	tctcatctct	tttcagtcag	tcatctccaa	actctacaaa	45600
gcattttttc	ccatcaaatg	ggaaactttt	gggtctgtca	taatttttca	tgatttccacc	45660
acttttgact	ctttctggat	acctgtgaag	gatattataa	ctcttttaatt	catgtctctg	45720
attttctctt	ttaaactttta	atactgttca	ttgcctgttt	acctctttca	ccctctctctt	45780
ttcaactctcg	ccctctcttt	tgtgtgaagta	tataatcact	ttttttttct	tctctgaattc	45840
tcagttctcg	ggagttaact	atacaattca	ttcttaactc	cagttctttta	tctgaagttt	45900
ctttatctct	agttctctgt	catattttgt	gcaatttata	gtttttttcc	aaaaatccat	45960
ttctcccttt	ttctgtacat	gtatctttcc	agcttgacca	catgtccag	gttccctggc	46020
agctagggtg	agcaatgtaa	ctaaaacttt	gcctgtaaaa	tattgatgag	agttatgtgc	46080
acaaatctcg	ctccactgtg	ttaaaaataa	ttgtattatt	tgagctttct	ataattgtccc	46140
tttttacaac	taaaattgtg	aggttatggc	aacttttatg	gtaaaagaaa	tcatcacgta	46200
ggagatccaag	aatcatgtat	ttgagaggaa	ccctaactct	ttaattgaat	agtgagagcaa	46260
gactgcccga	tcagcttgga	agctaccoca	acaactatgt	atatcttccg	attgtttgagc	46320
aaaagagaaa	aaatgaagcc	actatattat	taggtctctt	catgttaaca	gtttagcttt	46380
taaccttaaca	cacattttatt	cctggaatgt	agcatattat	taacatcacg	ggaagggaat	46440
tcttggttca	ttgatctttt	attttgttga	aataaaggta	gtctgctgtg	gcttaataat	46500
gcccaagtcg	aaattttttg	ataaattatt	tctatagatg	acctattcat	agtcacaaat	46560
aacatgggtt	ctaaaaatgga	ttcatgtacg	tcatcttatt	tagtccccgc	aaaaattctg	46620
aagtgaggta	taattattcc	cattctatat	attgaaaaat	tgggattcag	agagactacg	46680

10074411.020702

gacttataca agtttttgcg gctattttaag aaacagagta aagtctcaaa gccattaatg 46740  
 aactgttttag tttagtgctg cttagtaaaaa ttagaactgt ttgaagtggc ttttaaatag 46800  
 aaacccatcg atatttagtc agctctctgc ttgctaacta atatggaaaga aaaaacatca 46860  
 atctacgttac atcctgaatt gggagaaagg aaataaaaata ttgccaatcc cctttctctg 46920  
 attaggtagc gtgataaggc gataaggctt ttcatattta taaatgagtc ttggagagg 46980  
 taagcgagct caccocaaagt cacatgacca gtaactttca gagattttac ccaggtctg 47040  
 gaagactctc gaagcccatg ttattgcttc cagagcctgg ttggaacccc ctgaatggga 47100  
 cagagactca cagacagagc tgggtccttcc ctccagagga gtcagggaag ttgttgtagg 47160  
 ggagatagag ttatagcttg gtgggatttg gatgaatga gatcaagcag ggataaataa 47220  
 gatccaaagt gtttatgagg gacagggaga ggcagctctc gttagaaga gttggttata 47280  
 cagagaagca ttggaacatt tgcctcatgc ctgccttcc atgggatagc ttccagaaat 47340  
 gctacttgcc tgcctcagag tctttctcca gtccccaggt ttggacaagt gtccagacc 47400  
 tgagcctggg tctgccttga cccagatctc gtgagctggg acagagaatg ttgctctgct 47460  
 tccctctccc cccacttggg cccacacctt ttctacaca tttggattag aaactgtaat 47520  
 ttgctcttct gtgaacccca atgacaggca agtccccagt aaagaagcac ttaattttaa 47580  
 tgctcttcca ggggtccatt agagtaatat ttgtgaacag ctctccctag ttgtccccc 47640  
 aggcagtgac aaattttgct aaagataaagt cacaatttct ttggcaagccc atcttaataa 47700  
 ttgggaaggaa acctgtttca gtcctgaaca gtctgttca gactgatctt atccaggtt 47760  
 gcacactgccc tcaatgtcac catgttttca cctcagttg tgcctggcag agagaggaca 47820  
 gctatacata aagctgtgtc actctacaaa ggtgaaatca ttttttttaa ggttaattag 47880  
 attgttctga ggaatggtat tgagtacat ttaaaaaatg ggaaaagtcc tactcataac 47940  
 tctgtctgct taatttgcct cttaatgggt cttaattggt ttgttgtagt ttgtccagag 48000  
 tcaagtaacat ttgaattgct gttattacca tttgatcagt aacaaaaaaa cagggttaag 48060  
 gggatgcaaa atgtggctga gatttttagg ttacatttcc acaccccagc attaataacg 48120  
 ttgtataaaa ttgttgggtt ttcatggctt tccatggctt ttcttgaca ttgttagggg 48180  
 ctggatttat ggagggcaacc acaaaattac acagcaatga atcttgact gtatgccacc 48240  
 agccttgagc cagatacta gctgtgtcac taatactctc gactgatctt gtaagtatt 48300  
 tagatacatt tatgacttcc caaatcaata ggttggacaa agttatcttc aagtgtctt 48360  
 tcaagtttga cccgtgaacat atgcgattct ggcatgttct gatttttagt ttctgtgtct 48420  
 tgaagcatgt ctacaaataga aatgcctacc ttcatataca ataaaaaggat attagattaa 48480  
 tatgtgtgtc gtgaaatcca ttgaacagct tttagagataa aaataatgaa atgagtaag 48540  
 ttctccattt ttaatttaatt cttttaattt ttctgtttat gaaactatga caaataaatt 48600  
 ggaaacaaga tataattctc ctacaagtaa atgtattttt atgtaaaaaa taatttgtct 48660  
 ttgaaaata ctcaatgaaa ttaccttttt aatttccagag atttttgaga ctattattgt 48720  
 tattttttaa aagtataaaa tgaataccaa gatgcctttt tctccccttc agaactgtga 48780  
 gtgcccacagg gtttgataaa tgtggaaaat aaccgctgtt cgaatatcct ttgtgctgct 48840  
 ttgttgagatg tcatcgtgtt gtctgaatgc agtatgtgtt taaacttgcc atttatacc 48900  
 tgaatttgtg ttattttgoc tcataccctt agtaatactc ttgtaatgct gttgagaaat 48960  
 tgaagcaaat gccctatgaa actcaaggga gcaaggctct ttgtattttt cagaagaaat 49020  
 gactggctga ggctgtaaa aaatcttctg gtcatctcca ttgaaaaggg attgagccc 49080  
 cgattttctg atctcattat tgaccagttg attgagaaga ctgtctctct gtcccacccc 49140  
 aatcaacata agtgggttaat tactgtgagg cttaatttgc ctgtgaatgt gaatacatt 49200  
 gtggaatttt cctgtgtctc agcaactgtt caaaacatcc atttgtattg cagactcatt 49260  
 gttttcttaa tctcatgtg gagctaagag atagatttgg tttaagttgt cctctgtaat 49320  
 aggttttctg gctccaggaa ggatgcgtga cagactctgc acactctgctc ttggtaggtg 49380  
 ttcagtagtg gatgcgtttt ccatctccca ggtacagctg agctgtgtgt gaactctggt 49440  
 cgtttgttaat atgcactgtg gattgcaaca tgatttcaat atggctggag aaactctggt 49500  
 gctagaattc tagggaggag gacatgagtc ggaagtgcag aaactccaca ctgggaactt 49560  
 gatggagaaa atccaaattc gtccctggag ttaaaaggga gtcactcata gggccatcat 49620  
 aagagcaaat aaagttaacg ttattttctc agatccacaa ctcaaacctca gcgaaagtta 49680  
 ttattccact ttttttccc aaacaataat gaaatcagct aaagcatatt gattattta 49740  
 ctccactcca agttattgag ctgttctgac accctgttgc ttgggaagata cacagatgga 49800  
 accactcat ttccattgat tctgatacta cccacagcta atacagctt atgtctctga 49860  
 gctataggga ttttatgctt gccatttcaa aaaacagttt ttaccttatt aaaaggtgat 49920  
 atgacctgag ctggagatgc ttgttggta tttttggtaa accttttaat attttagtgg 49980  
 taaatacatt tcttgaatct tgacaaaaac ataattaaaa tgaacattat taaataggac 50040  
 atcttccaaa tgttctattt taaaaaaaac atcttccaaa ttgtctattt taaataggat 50100  
 atcttggtta accttttttt ttttttttga gacggagtct cgtctgtcca cccaggtgct 50160  
 agtgcagtg ccgactctgc gctcactgca agctccgctc ccggggttga cgcactctc 50220  
 ctgcctcagc ctccagagta gctaggacta caggcgcccg ccacccagcc cggtcaattt 50280  
 ttgtattttt agtagagagc ggggtttcacc gtgttagcca ggaagggtctc gatctctga 50340

1071441.020702

cettctgac caccctccac ggctcccaa agtctgtgga ttacaggcgt gactcaccac 50400  
 gccacgcctc ttcccttaact ttaattgaat aaagagtgtg aaggggaaaa ccaaatgtgc 50460  
 acctatcgtc tttttacttg aactgtacag aatgtgcagt aacttaagaa ttaactgcat 50520  
 tctgtgtgta ttcatcatag cctattcttt agcattatatt aaacacacat atttgagtgt 50580  
 ctacacactg cctgtcaggc agggggctgg gtgccaagaa gggatgtcca gagataaacg 50640  
 ggcatatgtg ttaattcttt agggcaccagt ccaagtaacct gatcaaggag tgactgtgat 50700  
 tctgtactag gatagaagtc agtatcagag gaaacacaaa ggaagaggtg gtaactttctc 50760  
 cccaggggaag ggtatcctag aaagaggggg ctgattatgt cctgtgttca tgagaaaaag 50820  
 ggcatctctg gctcagggtc tgggaagaac aaaaaccaaa aatcctggaa tgccttgggt 50880  
 catcaggcoag tctgtgagtg caggggcatgg ctggagttct gagcattatt tcttttgcca 50940  
 gaaaggctg agaggaggg gatccaggaa aagtgtctgg gagcattatt tcttttgcca 51000  
 atgggaagcc atggaagaac tgtgtlaagg aggatctctg gtgatcac cttgcttttag 51060  
 agaggctcatt ttatagaaaa agtagaaaa acagaccagc aaaaatttaa aaagtgaata 51120  
 caatcactgt tcaagctctg gtctagcact caccagtggt ttctctacag gtgcatacat 51180  
 aaacatgctt ttacatttta tttttatatt aaatttttca ctatctccta tatcagtggg 51240  
 aacaaaatctg cttttttaat ttttttttta aaaaatgagat cctattgtac acattatttt 51300  
 aaattttttt tcaattcttc ttttttttta aattaaaaaa attttttttg acacagtctc 51360  
 acctgtctgc ccaggctaga gtgcagcatc ctacccgaaa cctgctctcc 51420  
 cagggtccaag cgtattctct cctcagcctc tccaagttag tgggatttca gacatccacc 51480  
 accaccgtgt caggttaaatt ttgtatttt tagtagagaa tggggtttca cacttttggg 51540  
 caggctggct ttgnaattcc cggaatcttc tatagtgtca cctaataatgt gacggccagg 51600  
 cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn gcccgtgggt 51660  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn gcccgtgggt 51720  
 aagatctgtag tagagtctac cactcggcgt gtgaacctgg ctcagggggg ccagccgggg 51780  
 tggggcgacc agccaggtct gggcgagcgt gcccgggcgt ccaacccctca ggcagcgtgg 51840  
 gactccccc ccccgctccc attcagcgt agcgtgggag gggccaggcc cgcgccaggt 51900  
 actcaggcag ggggtccggc tctccccc gaaccacgc cggcggggct ctcagctctc 51960  
 gatggctctc cacaccgaga gcccgctgtc ccggtagaag tagtagggga tgtctcttt 52020  
 gctctccatg ccccgggcct tgaatggcct ggggaagcac agggagcagt agtcaggtc 52080  
 ctctctggcc ctctgcacca totgcaactg cccacccgcc cctgtggcgt tggcctggag 52140  
 tgggaaggtg agtgcctctg cgggggtgct cctccacag ctgtccagac ccatccgta 52200  
 ggaatgtgtc agggggagga gaggaggcca gccaggcaga ggtgcaagct ctgtctctgt 52260  
 atgagtgggg agggatgttt aacgcagaga atgacaagg gagaagtgct 52320  
 agggagggag ctcccgccca atccaatgca agggactgaa cctgggggct qcagagtaca 52380  
 agaggggaag gtgcgctccc agccaagga gggcagcagg cgtggcgagg tgtgtgggg 52440  
 accccagcac cagcgggcct gggctgtgaa gtctgctcta gtgtgagca caccagcctc 52500  
 agtcatgtct ctcagtgaac ctacgtttcc aggaaccaat caactctgtt gagggcctgt 52560  
 tgtgtgtcga ggtgagggtc ggaagagacc atcctggctc tgatccoggt 52620  
 cccggctctc gagtgtgca gacacactca caagctcact ggcacatatg tgtgtccaag 52680  
 tgacacaca cacatgcata tacaccaagg gggctgggct tctcgtttag ctcggtgca cagaggttt 52740  
 gaagaagac ttgggtgctg ggggtgccga gattggtcca cgtggggcat tgatcccaa 52800  
 cagggaacca cagagctgcc cccagcact tctcgtttag atcgcgctg gacataatgg 52860  
 cccatcagga acctgaggtg gagtactact gatgagctcc tgtgccctct cccatggggg 52920  
 cctgtctcga caggagagtg gtgatgccaa cacaggtgaa agagagcaaa agaggagacc 52980  
 agtgtgcatc caccctgggg cattgtctga tccctgtgat ccatttctg ctgaggcccc 53040  
 cgacccctca ttgtgtccag gtatttgaga taaggcatgt ctgtccacg tcaagctgggt 53100  
 ttgagttggg ttttgtcatt tgoagcccaa aacttccagt gtcactcggc 53160  
 ctggtcacta atgggctggg gaaaggagga aggttggggc aggtggccat gtagagctcc 53220  
 agacttggtg aggtactaga gggctcaaaa cgaggtgggg tgctacctga gggatgcgag 53280  
 gggctgggca ggtctggagt ccccgatgca ggaagcagtg ggttggggg gttgggagcc 53340  
 gggagacaga gtctgtgggt ggtccaggtc aggggtggcag ggtgtggca gatlaagagg 53400  
 cagacacagg tctcctgtgc taggagggtc agggggccat aaggagtgtg ttccagaggg 53460  
 gggctctaac caggctccca gaggctggga gaggggagg gtgggaggg gggcacagga 53520  
 gccatcagtg agaaggaaga cctggtgggt cgctggagg agtgctcctg gctgaatggc 53580  
 accggctgca gacatcagga ggtatgctga ccagctgtca ccaagctcca 53640  
 cccctccagg cctcctgaaa ggggtcttag atctcagata gggagtgaag gggccaggcc 53700  
 tgggctcttc caggccaaca gttaggttag agggcaccca ccttctgcaa ggtgcaaac 53760  
 tccagagtag gctgctcagc ggccttgggt ttgattgcaa tgggtaatct cactgtggcc 53820  
 accagcagct ggggagggga gaggagagg cctcagagg gggccagctc ggtgacctgg 53880  
 tgcctcaggg acccgagct ccccaccca ggcctgcctc ataggatgat gctggggcca 53940  
 gggaggaagt gaaggctggg tgcgtgattc tctgtgaat aagtgtgga ggcctgcacc 54000

10071411.020702



cctctgatgc ttactaagca tgataatgat tcagagggtc ctggccagca ctgtgacaat 54060  
 gcttaacctt ttgctccctg agttcaactgt cttaacttga ccatcattct gtaaggcage 54120  
 ttgactattt gacctgtttt actggtgagg aactgggtac ttttagcatg 54180  
 cagtcacccc agcagccaat gcttgttaga ttcgagacaa gggacggaga gtgatggcag 54240  
 gggcgggcat cagcatcagc cgaggatcac catgaactca tttgcttttt ccaactctac 54300  
 ttgctggcca gcgagggccc ttgtgtcaggc ccatgccccca gccgcgtgtc ctgggggaaca 54360  
 gcaggctcct agctgttttt ttcttttagg ggcattactg actctgagaa catctgtcca 54420  
 gctctccctt ttgtccaccc actcccagcc acaggtcccc ctgtgggatg tcaagtgtcc 54480  
 ctcccacttc acatctcaga tgcctcccca tagcagttgg ggcgtgtact ggcctgtact 54540  
 tgaataatgg gtgcacagca ggcagctggc ggtacattgc aatgccaaaa acctcagaca 54600  
 ccagatgtgt tgcgcaaaag ttgggtgatgg ttggtggagc gtggaagtca ctgggaacgca 54660  
 ccagatattt ggcacaaaag cagtcgtatt ttgcatccga agggaggaaa atagggttct 54720  
 catctccogg gatttgggtg agctgatata ttgggggaaa ggaaacacac tgcataattt 54780  
 cacttcagag tatagtgtgt ggagaacttc gcctctggg aagtctccga agtatctgaa 54840  
 tttcttaaac agtgactttg gaatcagaag agcctggagg ggtgaaaggc cctgcgggtg 54900  
 gtatttctgt tcccagccat attacttaca acctgcata ctctggatga cacactgggc 54960  
 gtaataagct ccggcttcag catctgtcat gtggggacag tgatgcctgc ctgcacagtt 55020  
 actcaggagc ttgacagatg gaaggagcgg gcaggccgaa gtcggcagga gctgagggga 55080  
 ggatgcgtgt cccctctctt cctccttgcc ctgctccctc ttctactgcc ttctctgtgt 55140  
 ctctcaact ttctccctc ttctctccct tgaatgctg gactctgcca ggtctgtcca 55200  
 ttgtgtctct gttctctttt cttgcccata gtcagctcct cctgtttaaa ggcttggggc 55260  
 cctctctgga ctgagccctc cagatcaggg ttgcagctgt gactctgccc tggagccccc 55320  
 acctgtggcc ttgtagcagag gctggacctg tcttctcttt tctatttcca tccagttcca 55380  
 ctccacactg ggacaaagggt agtttttttc ttttccaaaa tgcataatcat gtcagtgtaa 55440  
 ctgctctctc aatacactct taatgccaga aataaaaaat cccaagctct gtggtgacct 55500  
 ggttgcgtat gctcctgtac acacagcctc actttctgtc cccacacaca ccagccagcc 55560  
 ccaggtctct ccactggcag agccctgcac gttgccctct ctctggatga ccaactgggc 55620  
 ctcagcaccg actcaggtgag ttctcagggga gccggcagca ggtgctggca ttgccatttt 55680  
 ttactgaagc acatgggtgt ttggagggtt tgacagaaag aatgagtggt gtggcagggc 55740  
 tgcagccaag agcggccagc aaggggcagc gccagacttt aggtgtctgg aaagaccagt 55800  
 gctactgagc cacagtgtgc atggctgggg agggagaact gtcocagagc acacagctgt 55860  
 gtaactgtgt ataatgattt tggaaaggtg ggtccttggg cgtctctccc tgcagaaagg 55920  
 ttgtgtccaa tagcatata atgtaccccc acaatggaaa ttgtatatat tcagaaagcc 55980  
 atattaataa aataaaaaag aaacagggtg aatgccgggt aataataaaa ttttatttta 56040  
 cccaatatat ccagaaatatt atcacttcaa catgaaacca atctaaaaat attaaatgag 56100  
 atatttcaaa ttccccactt ccttatttcta agtcttaaaa atcaggtgtg aaactttgac 56160  
 ttgcagcagg ttttggtttg gacgagccaa atccccagtg ctccagagcc ctggtggcca 56220  
 gtggctccac cctggtcaga gagaccccaag aagcctcagc actccttgag gaccaaggag 56280  
 gggggagagg gaggggagag cagagtgtga ctgcacatt aggcgtgcct gtcgtttat 56340  
 acttgagatt agttggctgc ttttaaatat cagacagttt cacataaaaa ttgtaatgac 56400  
 cgtgttttct tgaaaaaata gaaggtctca gaactctgca ccaaggttct cccagaaacta 56460  
 ctgctttgtc ttttttaacg agtcccagct ctcaggggtc ccaactgccac acacagtttg 56520  
 atgagatgac tgggccactg ataactgac ttgtccctag atgtctgtgac ttgtctgtgg 56580  
 gctctgagac ttctctgtac atgtccccc actgctgtgac ttctgacatc ctctggggcc 56640  
 acactgacat ttctctgatg gctctgggac actgacatgt ttactactat aactctgact 56700  
 gaggagcccc cctgttgtgt gctaggggct ttacccatgc tttactactt acatgggggg 56760  
 ttgacccctg aaggcagata ttctctgtgt taccattttt cacagttagt aaagagctca 56820  
 tccagctggt tttagcagtc tcccaagta ccaagttagt aaagtgaaca gcccgaaca 56880  
 ttgatattga caggcaaaaa ttggaagcaa tcccccata actggaaac agacaggagt 56940  
 gtccactctc accctccta ttcaatagag tactggagat cctagtccga gcaattagcg 57000  
 aaggaagaaa atccaaatga aaaaaaaaaa aagaggaagt caaattatct 57060  
 ttgttctatc atgatattgat tctataacta gaaaacccgt aagattctct caaagactc 57120  
 ctgacattga taacaactct cagtaaaagt tcaatgttat agtataaat ctgtgttact 57180  
 aacagaatgc ttgttctctg ttactgcaag gaaaaatcag catttagaca aaaagttttt 57240  
 ttagacaagc aattttactt ttctgcagaa ggtgtctcct cagcatgaca caatggcga 57300  
 gaggcacact gaataattga gagaagcaat ttttattcct tacgcagctt gtccctgcta 57360  
 ccgtgtccgt ttccctattg ctggagccaa accctcacgt ctaaaactaa acccgactgg 57420  
 ctaataactt aaaaactttt taaaagagta aaagcagttg aaagacaaa ggaagaggga 57480  
 agttgtctat gaaggacttt agaaaagtta taactttcc aaataaggaa gggcagctgg 57540  
 ctgcaagctg ggacatgct gtgagcagct coagcaaaaa tatctgtgtt aaagtacaa 57600  
 gacatagaat gtaactatct ccttatatct aacagctaca tatgtaggg ctaacaaaa 57660

1007111.020702

agttattatgc acaaagcgaa aagcgttaaa aaaaagttagt ctttagaaaa aactattatt 57720  
 tctaacacat aattttctcc ttaacaaaaa aaaaactttt gactttctac actcaagata 57780  
 caaaatcagt gtacaaaaat cagtgcattt tctttttatt tgagacggag tctcaatctc 57840  
 acccagggctg gagtgcagtg gtgtgatcgc agctcactgc aacctccgcc tcccaggttc 57900  
 aagcaattct cctgctccag cctcccaagt agctgggatt acagggcagtg gttaccacac 57960  
 ctggctcaatt tttgtttttt taattgagac ggggtttcac catgtttgct aggctgtgct 58020  
 caaactccctg aacctcagtg atctgcccac ctccgctccc tatgcaccaa caatgttccag 58080  
 cgtgagccac tgtgctggcc ctaaaaatca gtacatttc ttccaatagt cccccaatac 58140  
 gttcagcgtg agaaccatct caggaaactg gtgatctcag ttagcattgt cccccaatac 58200  
 caaaaataaaa taccaaagaa tgtatccagc caaggagggt aaggagctct acagagagaa 58260  
 ctataaaata ctgatgaag aaatcataga tgacacaaaa aaatggaaaa actatcccagc 58320  
 taatgggttg gaagaaagca atctacagat acacacacat tccatcaaaa tcatcaaat 58380  
 catittttcac agaattagaa aaaaaaatcc taaaattcat atggaaaccaa aaatagccg 58440  
 aatagccaaa gcaatcctag gcaaaaaatc aaagctggag gcatcacatt acctgacttc 58500  
 aaactatact acagactac agtaacaaaa acagcatggt atactgttac aaaaataggg 58560  
 acagagatca atggaaacaga acagagaacc cagaaataaa gccatatacc tgcaaccac 58620  
 tgatttttga caaatcaacc aaaaaataac aataaggaaa ggacatctca tcaataaaat 58680  
 aatgttggaa aaactggcta cctatatgca gaagaatgac cctggggccc taacctcac 58740  
 catatacaaa aattacctct agatggatta cagacttaaa tghtaagact caaactttaa 58800  
 acattctaga agaaaaacct ggaaaaaatc ttatggacat ttcttaggca agaattttat 58860  
 gactagacct caaaggcata tgcaacaaaa acaaaaattg acaaatgaga cttaatcaaa 58920  
 ttaaaggagt tctgcacagc aaaacaaact atcaacaaag taaacagaga acctacagaa 58980  
 tgagagaaaa tatttgaacc tatgtatcca acaacgacta ataccagaca tctatgagga 59040  
 acttaagaaa aaacaccacc attaaaaagt gggcaaaagg caggaaacaga cacttctcaa 59100  
 aagaagacat acaagtgccc acaaaacata tgaaaaaatg ccccaatcca caatccatga 59160  
 gagaaatgca atgtaaaacc acaaaagggat accagtcaaga atggctatta ttaaaagtta 59220  
 aaaaaatgca agatgttgcc aggatgcaga caaaagggaa cgtgttggtg gctgttggtg 59280  
 cagtgtaaat tacttccatc cctgtggaaa gcaatttga cacttttgaa agaaactgaa 59340  
 atagaattac cagttgaccc acaaccccac ttactgtgta gattcccaaa agaaagaaaa 59400  
 ttgttttacc aaaaaggcat aggcacacat atgtttatg cagcaactgt cacaatatca 59460  
 aaatcatgta atcaaacctg gtgcccata atagtggac ttagtaaaaga aaatgtgata 59520  
 catgtactcc aaggaatact acatagccat aaaaagaagt gaaatcgtgt tctttgcagc 59580  
 aaactggatg cagcttagga ttggcactta agccataatc ttaagtgaat taaccagaaa 59640  
 acagaaaatc gaactactga tgtttctatt tataagtggg agctaagcat tgtgtacaca 59700  
 tgggcataaa agtgggaaca aaagacactg gggactccag gaagggggag gaggaggaaa 59760  
 aggggtgaaa aactgggtat tgggtactat gctcagttat tgagttagtg ggtcaataga 59820  
 agcctaacc cagcattatg caatataacc atgtacaaa cctgcacatg taactgaatc 59880  
 taaaatttta tatattaaa aaaaaaaac tgtttctgac atgaaaaaaa gaqctgaatg 59940  
 aggatggccc cagtgctctc cctatttccg cccatcactc tcccttctgc tctctctcac 60000  
 ctccgggccc gaccgggccc cactctgccc tctcttggag ctcttggacc actgagctgg 60060  
 gccctcccca acccatcctt cactctctgc cactcctctc caggattttg gctgcccagt 60120  
 gggatccaga acctggccct agcaatttgg gtctctttaa tttgtttttt gggtaaggaa 60180  
 gtatgcttgc gtttctgatt agaaaagaat atgtgcttat cgtaaaaaag aaactgagtc 60240  
 atgacaggag agcctgagaa agaaaaacac atctcatctt gtgcaccccga gggataacca 60300  
 ccaaatctctg gggagcctcc ttctcatagg ctttgcattgt gtgcacattt atctgtccaa 60360  
 ttttcatcca actgaatatg attataatca acactgtgct atcttgtttg ctacactgtc 60420  
 ccccactggg ccatcactgt gtctctacct ggtgacactg cgtccttgtg tcccactgct 60480  
 ggcacagtag gectgctgca tctctgcatt catctttacat aagtgcagac tagtccattg 60540  
 ccttagagag ttgaaggagc tatttgtata cgacagatat gactctctta toggctccct 60600  
 gtgtctgtgt ttctccatgt taactcattg tggagacccc tccaggctcag ctgggaaggaa 60660  
 accaaagcat tcttctcaaa gacgctcaaa catcttatgg tagggacatg gaagggtcca 60720  
 ctcaactcaat cctcttctgc ctccagactg ttttcaattt ttttccactc cacaactact 60780  
 gctcctgttg acatccacac acatittgtgc ttctatttct gctgagctgt gctgagcaa 60840  
 gggctgagct ttgggggttt ggtatgttt cgagttagaa gtgcctgccc tactgttctc 60900  
 cagacagttt cactctcttg gtgcacacct gttcagtgct gtccgtgccc agaacactta 60960  
 aacaataaag tccctctccg gtctctccca attgagacgg ggcaggggccc cctcttagg 61020  
 gcactgtgag cccccagccc cgcaacaggc catggaaaat aaggaaccaa tccagtctcc 61080  
 tgaaggggag ttccagccac catagtagcc ctgagaaaat aatgagcaac ttgacaacca 61140  
 agaggttaac agcagcctaa acaaacagcc aaggaagcca gactcctggg ctgttggttg 61200  
 cctctgtgaa actaaagaga acccctgaac atgtgtctct gagtgttttt tcaagaaacc 61260  
 agaccccccac caaacccgac cactggcaca gagacctcag ataagacgga actgaggact 61320

10071411.020702

gaactctgag caggctcttt gttctaaatt tcttctctgg gggcctgggg gaagtcocgc 61380  
 ccacaagcca cagctaaact toctttctgg taacccaaat ttttaaatga aactctctctt 61440  
 ccttaaccaa ttcaaaaaca acaaatTTTT gaactacact atgacctgga agcccaaccc 61500  
 cacctcaaga tatcccgccc ttttagggcca aaaccaatgt gtacctcca tgtattgatt 61560  
 aatgattttg cctgtttaact totgcaattc ctgaaattca ctctgccttt aaaaaccctt 61620  
 acctgcagag caatcaggag ttccggtctt aagagtgcgc tgcccaattc toctttttttg 61680  
 tgcctcccaa taatgcctt gtgttctcgt agattataic ccaatctcag tttttgggtt 61740  
 tgctgcactg ggcaagcaga tcccaagtcca gctcggtaac acaactgtcc tgcccaagcag 61800  
 agcctcaacc ccaggagcct ctgaccgccc actgcaacat gcacctgtta cagcaggcgc 61860  
 tgtgggagtct gctccggtgt tggccggaag tctgaccttg ctccggtgct cctccggtgct 61920  
 ctgacctgag ctgtcccgag ccacaccagt atcccggtgaa cactgcggag ctgcaacaac 61980  
 tcatgagcag agcatgttact tccgtccttg ctggtgctg ggaagttaacc cttgtttttt 62040  
 ccaaccaggc atgtcagaaa tgaatatcca ttgttaactt tcaattgcat ttctctaaat 62100  
 acaggtgaag ttaggagttt ttccatatgc tgggtgccc tttacatttc ttctttttgtg 62160  
 aattgcctat tcatattctc tgcctatttt tccactggag tattgggtatt ttcccgcaa 62220  
 tgtaaaaggag ctacctgtat atcatagata ggcattctctt aggtgtcaat totgtttatg 62280  
 ttaactcccc taatctctgt tttgcttttt ggcttttctt aggtgttctc actcaagttt 62340  
 taaaacatta caaatacaaa tatgcttagc tttccctta taaactcttg ttactctttt 62400  
 ccttctaaaa gcttctctgag tgtctgcgta attagttttt ctaaaattcgt ttactttttt 62460  
 cattttaatt ttactctact ctgaattttt totttttctt taaagcaact cctctaatc 62520  
 atgagattta tttttgtaaa tggcatgaca gagcagtgcca atttaatttt tcaactgagt 62580  
 aaaggccatt tgatagcact attaaaataa tatccctttt tcaactgagt gaataacctc 62640  
 cattgtgata cactgaattc ctctgtgggg gagtccattt ctgagtctta ctctatactg 62700  
 tcccccaatt ctctctgttt tcaagcacag tgtctgttta acagtaacct tcaaaatacca 62760  
 gcaagtgaaa gtgttctctt gtgtttttct ttactttttt taagataagg 62820  
 tcttactctg ttgccccttg tggagtgcag tggagcgacc aggtctcaat gcagcctcaa 62880  
 actcctggac tcaagcactc ctcccactc agcctccgta agctgtggga tgcagctgat 62940  
 gcgcacacat acctaatttt ttctatttaa tttttttttt ttttaagacat gaggctctac 63000  
 ttggttgcct tgctctctg ttgtggtttta atttttttca aaaaattttt gactattgcta 63060  
 gattttcttt tccatatgaa totttcaatt ttttaattgt tttctctctc tttttagttc 63120  
 tcttccacac ccaacacacc caacaaagaa agataaaaaa ttctgcctga aattttactt 63180  
 ggaagtgcac taagttttta taatagaatt tggtagaact gacattttta cagtttctc 63240  
 cccaatatca aatcactgtt aagagtctat tgtatatct ttaaaataa ttatatgtg 63300  
 gcgggtgctg gtatgctcag cctgtaattc caacacttg ggaaggctgag gcaggcaaat 63360  
 cacaaggtca ggagttcgag accagctgg ccaacatggt gaaatgcctg ctctactaaa 63420  
 aatacaaaaa attagctggg cgtgtggcca ggtgctgta atccagacta ctccggaggc 63480  
 tgaggcgaga gaattgcctg aacctggggg gtggaggttg cagtgcgccc agatacagcc 63540  
 actgcactct agcctgggtg acagtgcgaa actccactc aataaaaaa ataaaaaat 63600  
 aaaaaataa ataaaaaat aactttatag tttttctta tatgggcatt atattttatt 63660  
 gtagtagtg agaaagcta ttgatttttt tgagaaatat atttatctaa acactttgccc 63720  
 aaatgaattt attaatctag tagcttttaa aaaaattaga atctctgtg ttttctaggt 63780  
 ctaccatagc attaccagaa aagatcatct tccctgtct ttgacaatat gtttatgtat 63840  
 tggtttctct ttttatcatg ttgtatgacc tctaaaaata tggttgaataa aacacgtgat 63900  
 atcagcttc ttattatttt aatggaaatg gaattagagt tgccactttt tgagtttagc 63960  
 tatctttatc atataaagta aggttctctc tattaatttt tattagttgt ggctatataa 64020  
 tgttattaaa ttccctttta gtgtgaatt atataacta tttaatttat ctatgtgta 64080  
 taataaatta tgggtgtagc tctcttgata ttgaaatc tggaaataac cctgcttggt 64140  
 tattacatat agtcaattaa taccactgct cactcaactc gctaataata cctttagttt 64200  
 tcttttaaat ctttttatg taactggatt gtcttcagc ctcttttga agcctgctgt 64260  
 tctccagttt cagaactaag cttaacaccg cttaatatga caaattgtgc gctgataaag 64320  
 agccctggaa atgtcggct tctagtggct gggtagact agctgcctg ctgtgtaggt 64380  
 ctgtttccaa tcaatattat gaaattggcc tatttttctac aatttctctc aatttatctt 64440  
 ttctagagtt ttcttaact tctctaatt ttcaaattt tgcataatta ctctcatta 64500  
 aaaaatagtt aatcataatt actgttcttt ttttttttt agagacggg tcttgatag 64560  
 ttgtctcagg tagactgctg tggctattca caggtgtgat catagcacac tccagctca 64620  
 agtgagctac ctgcctcagc ctctcaagta gctgggacta cagtgtgta ccacataggt 64680  
 gctggctctc aattaactct tttatgattc ctctttttt ccgaaactct tttttttt 64740  
 tctctctct ttttttccat cagcctcaat aggaagttat tattattatt ttttgacct 64800  
 ttcaagaagc cagatcttgg atttactatc ctctggttt catttgctt agtctttata 64860  
 gtttgcaag ttctcatttt cagaagaaga aagagacca gtagcaatct tgggtctgct 64920  
 caaggtccca cagcctgcta gcaagtggct gaactggaat ttaagctagg ccctgactc 64980

10071411.020702

caggctgctc caagagatct ctgagccaa gctttgaagg caccatcagt ggtgctcgg 65040  
 atctccgggg atctccagc aattttgtct tcttttaggt caccctgtccc ttttacctgct 65100  
 gcttcagctt cttaggcaca gggctctctc ctggttaacag acaggagagc ccttcgagggc 65160  
 taccgtcccc tgggagagct tggggaggct ggaatctaga gtcagatgac ctggcttgaa 65220  
 tctagctctc gtggctggct gtgggacact gtgtctcagt tttcttatct gggtaaaatg 65280  
 atcaacatca atagaccaca ctaccatgga tggttgttgt gatgattaca caaataaaga 65340  
 taggtttatct aaaaaccocag tggctaaatg tgcttcagaa tccagaattt ttaggatttt 65400  
 agcagtggtt ataactcaat atgtgccaat cccctcccca cccccagctc agggcaaacat 65460  
 actattttac aatcgaaacg agcagttatt ctgcagtgat ccacatacat atcacattat 65520  
 atggaaaaag cctctaaaaa acctcaccta ttgcttcaaa gaaggtttgt ttacaaacaa 65580  
 tgaattttgt gcaacagttt gaaatatgca gcaagtttca gattttttag atttagaatc 65640  
 gagggttgct gattggcgag tgtgcagggt aaccactagg atagccttgg catgtggctg 65700  
 gtgcctgacc tatccagctg ctatttgttc cacagctccc aaggtccagt tcatggacat 65760  
 tattttctga atgtccatct gccagttccc caccgtgtcc tctgcgcagt tctctccatc 65820  
 tcccagggac ctatgccoag tccagtcctg gcccttggccc ctgtgtgtctg cacaccagct 65880  
 cccagctcgg cagcaggctg gtgcaggaa cagggggaga caaagccctg tgcccgcctg 65940  
 cctttctccc agggttctccc tcttctctct gccctcatctc cgtgtggacat aagaactcac 66000  
 atcatctaca aaggttcacg accaggactg gctgtgttcc tgaccocaga accaatgtgt 66060  
 cccctcaagt gtcttgttgt ccagcttagt ccacagcttc aocctgctcg cccctgagct 66120  
 caoatgtact ggggcgcctt ggtcagggtg ctgggttgga gagtgcagaa tatgatccca 66180  
 gggcaggttc tcccacagtg gccctcaggt tctcaagttg gcccttgagg 66240  
 gtgaaacccc ctccgcctc atggacagcc cactcaggg cctccaggaa gccctagtgt 66300  
 ctttcaagac atagcttctc cagctggagt gtgaattgag cccccaagg gccctggatc 66360  
 gcagaggact gagctgctca gaaaggtgtg cccccagca gccctacctg atggcaattg 66420  
 ggacaactct gttggccagc tctttataca ccaagcagat ggagagggcc aggaactgga 66480  
 gtgtgcaggg gtctgtttgt ttggcatcga tgcactccag cagctcaag tcacagcatg 66540  
 aaatgttccc ttgtgctcag aggcagagag atgtgtccaa atcaggtcca gcaacggagc 66600  
 caaaaatcag gccctgggaa agagtgatga cctctgggca cccctctccc ttctctcaga 66660  
 ctacggcagg ctcaagaatgt gtaacttctc cotctgactc aggaagtgat tttatccaga 66720  
 ggaaggttgt cacaggtttgt ggacgttcgg ggttaagatg aggaatggca gcaagctatt 66780  
 cggcatttgt ggtgtctgaa aocctgttga ctggcagaaa gtgcagaggt aatcgccaat 66840  
 tgtcagttta ctaagaaaga agaggttagt tgaatatag ttgnacaggt nnnnnnnnnn 66900  
 cttcacccag gggctgaagg tccgnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 66960  
 nnnnnnnnnn nnnnnnnnnn gggcctcagc ccgcccgttg ttcaccccta ggtctccca 67020  
 nnnnnngggc ctcagggaat cagctgtcgg agtacctgac gctggtgatc ttcacccgct 67080  
 agtcggtcaa gagccgggag aactctggcc aggtaggcag ggccggggccc gctggggcag 67140  
 ccgcccagca gcgcggcggt gccctctccc tctgcacgcy tactgcacc 67200  
 gctcccttct caaggccgct gccctctccc tgcaggatgg atctctccc ctacgccaag 67260  
 tccgacagcc tccgggcccgt gcacgggact gactgcagg ccgcgtggag ttggggggca 67320  
 ggccgtgccc gcggggaaag aggatggag gactgcagg ccgcgtggag ttggggggca 67380  
 cggggaggag ggggcccagc gggcagctgg gcacagggc ttcggggggt cccacagctg 67440  
 ctggcgctgc tctcgcagc acgactgggt ctctcgatc cccaatgcy cccaacact 67500  
 gcgagccccc ccacgcagct ccaaggcggt ggtgaccatt gaggcagatg ttgacagct 67560  
 gccccagcgg ggcgcctccc gctggcatct gggcgcatg ttggcgctga gcaagctcca 67620  
 gaaaacacag gtaagctggg gcagggcggg gcacagcccc aggtcaacccc aggttaagcg 67680  
 gttcctcagc ctacggcctt tgtgactcgg gcccaaggg tcaacttgag caaaggatc 67740  
 ctgacttcca aggtctgaag ggccacaga gctgcagcgg ccacagggtc ccccgccctc 67800  
 agcctggaca gagctcagg tgtgcaggc agggagagac acagccagc ctttgtcac 67860  
 tgtcacaga ggttgtgtg tgacgcccc tccccacag atctgtgac gttcttgac 67920  
 atgtgtttta ccttgtaact ccaagggaa tgacaaagag tttctgggt tcttccgga 67980  
 cagctgcatt tcaactaaac atccggtgtg tttctgtgtg tcttgctgac tgaacccgt 68040  
 ggtggtagc tcaagtactg atagaattgg cggacagctc caacctgctc cagaactgct 68100  
 ggtgtctag ttgttccgg ccaatgtgtt gcttccatct gttttttgtg ttgttttgtg 68160  
 gctttgcaca gttgttcagt atgaocgac acattctcat ccttggtcaa ccttggtcaa 68220  
 agaattgca tactgaattg cctccacaa actaaattca aaatocatt caaatagcc 68280  
 tatgtttctt ggaacttttc agctcagaag ctttgtgat ttaattccaa acagatttt 68340  
 tttaaaatg tatctagctc tgccccgag acatctgtgt gagaatgcaa atgacacag 68400  
 gacccacaca gggcagccac ccttccagc tccctggccc gctttctgct tctctggct 68460  
 ggagaggcca gtgctgccc cagcgcccct gagagaggt gaggagtgt cgcaggggtg 68520  
 gcccaagca cagagatccc atggctgcaa cccccagct catctgcac 68580  
 atctcgtaac cacttggcag caggcagtta ttttccact tatccatgaa gccccagccc 68640

10071411.020702

tggagccttc	cttagagaag	caggttggag	gcgacgacac	tggccttccc	gaggccctct	68700
tgtcaggcag	cagaggggtga	atatggggag	gtgaatagat	gctccctcct	tcatctccca	68760
aacgtggcgt	ggccctctgg	gatgagacag	gcctgtcagt	ttcacagggt	agtgttagga	68820
cctatgtgtg	tgtccatgtc	tgggcccctca	gctgttccctg	ggcatgtacc	cagaagagca	68880
ttttatcgag	aagcctgtga	aggaaagccat	ggcccgattc	cgcaagaacc	tcgaggccat	68940
tgtcaccgtg	attgctgagc	gcaacaagaa	gaagcagctg	ccatattact	actgttcccc	69000
agaccggatt	cgcaaacagt	tggccactctg	agccactgcg	cagttctcact	gtggaaagcc	69060
cagctgcccc	agccagatgtg	actccagcct	gcctggcagg	ctgtctggcc	aggcctcttg	69120
gcagctcacat	ctcttctccc	gaggccagta	cctttccatt	taitctttga	tcttcaggga	69180
actgcotaga	tgtatcaaa	tgtaaaacc	ataggacc	attctacaca	gagcaggact	69240
gcacagcgtc	ctgtccacac	ccagctcagc	atttccacac	caagcagaca	cagcaaatca	69300
cgaccactga	tagattgtcta	ttcttgttgg	agacatggga	tgattatttt	ctgtcttatt	69360
tgtgcttagt	ccaattcctt	gcacatagta	ggtaccaaat	tcaattacta	ttagaatgaat	69420
taagaattgg	ttgccataaa	aataaatcag	ttcatttaaa	atgggtcttg	ttccattgtg	69480
tatatcccaa	tcaccccaaa	cagctcactg	ccatctccca	caccaagaga	aaaaaaaaagc	69540
catagtccac	gtgattttat	caaggcaaaa	gcctccccac	ccaagtctgg	atagaagggtg	69600
ctttttccct	caagcagttg	ctactctctt	tggacacat	cccaaatctg	accacctctg	69660
gggaaggcatc	gtgatttctt	gtctctacc	tggatttctg	cagaaaaacc	actttattta	69720
ctctgtgtgc	tctcccttgg	gacaggagcc	cctggaaaga	cagaaaaacc	actttattta	69780
tgtctgtgcc	accgggtctg	cataaggcac	cagcactcag	ctgttctctc	ttcttctccc	69840
tggaaaggga	ccagcttagt	ggatattagg	cattgtcttg	ggagctgggg	gcttattttt	69900
tctgtaggca	tgttctctaa	catgacataa	aaaataaaaa	tgggcaggcg	gcggtgggctc	69960
accctgttaa	ccggcagatt	ttgggaggcc	aaggtgggag	gatcatttga	gttcagaatt	70020
caagaccagc	ctggccaaac	cggtgaaacc	ccatctctac	tgaataatac	aaaaatagcc	70080
aggcatgtga	cgaggttagt	gtaatccagc	ctactcagga	ggctgagga	ggaataatgc	70140
atgaacctgg	gagacagagg	ttgcagagag	tggatatcgc	accactgcac	tccagcctgg	70200
atgaatagc	gagactctgt	ctcaaatagt	taataataaa	ataaatataa	ttaaataaaa	70260
agcatcttc	tttccccagc	cccaagtgcg	agagcccgct	ctgagcctgg	gcagtggtag	70320
ccattctctc	ctgtctcaca	tgcccaactc	cagccctccc	agccctgaac	ttcgggaatac	70380
tgtcatcagc	tgttccctat	tctctggaag	gtgcttccag	tgtggcaggc	catcagctga	70440
tgtgtctggg	aaaggtctct	acaggggccag	catggcatag	gggggagggtg	gtgctgcggt	70500
cctgaagcca	caaggtcttc	tgaggagacc	tgaattattg	gggtgggact	agagactcag	70560
gtccagcccc	ttaatgcctg	agactccctg	ccatccctcg	gagaatttcc	caccaactct	70620
atgaatgatc	ttcggggagc	gtgacataaa	catcacagta	tggtagaggc	attcagctcc	70680
atgccactgt	gagaaagac	ataccaaact	ttaggcaaca	aggccatgtg	gtcagaaggag	70740
gaggagaaac	gaataggagt	aggcaggggg	ggtgaaagcag	gtctgacatt	ggcaaaagtg	70800
acagagaagg	attgggttgg	aagggtctca	gatggcagag	aacctctgaa	aaagtctcat	70860
gccagctaat	gaagagtctc	caaagtccac	atcacagaaa	tctttacatct	ggcagaaaatg	70920
acagcaatag	tttggcatga	accccacagt	ggatccaaac	gtgtggcagc	tgagatctgc	70980
cactaattat	gttctctgaa	gctgttccct	ctggttccct	ggagctgggt	atctgagttag	71040
acagctctcca	ctgctaccac	aggagaggga	gaatcccaaa	ttctgtgcac	agactgtcta	71100
aaectctgca	tgaccctcaa	gacacatgta	cataaaggcaa	actgcaaaac	gcccaattga	71160
ggataaaaca	gactgtctta	ctctgttttg	gctgctataa	taaaaatact	cagaactgggt	71220
ctttataata	gcacagaagt	tgtattctca	cagttctgga	ggctgggaagt	ctagaaggag	71280
gcactggcag	tttcagtgtc	tggttaaggga	gggatcagtg	tgtgctccca	agagagtgat	71340
ctctgtctgt	gtgctccacc	cagcagaaga	gcaaaaaagg	gcgaactact	tcaaaagcct	71400
ctttataaga	gacatcaatc	cattcatagag	ggcagaacc	tcaagaatta	atcattttctc	71460
aaaaggcccc	tcttccatatt	gccatcacct	tggggtttaa	gttccaaac	atgattttttg	71520
gaggagacac	tacattccaa	cccaaatgta	ttgttgacat	tatttgacat	ttccaaatgt	71580
ttgcagtttg	agatccaact	agtttaattgc	ttgcttgaat	aaaaaacatca	cagccgggca	71640
cgatggctca	cgctgttaat	tccagcactt	tgggaagcca	atgtggggcag	atctcttgag	71700
ctcagagggt	cgaaaacacc	ctgaccaaca	tggtgaaacc	ccattttctac	taaaaaataca	71760
aaaattagcc	aggcgccggg	cggtgggtgg	tcatccgctg	actccagctg	ctttggggag	71820
cgaggggcgg	tggatccaaa	ggtcaggaga	ttgagaccat	cctggccaac	acagtgaaac	71880
cctgtctctca	ctaaaaatgc	aaaaattagc	tgttgagact	ctctgggaag	ctgaggcagg	71940
agaattgtct	gagcccgagat	cgtgcccactg	cactccagcc	tgggggacaa	gacagaagat	72000
tcgtctcaaa	aaaaaataaa	gaaaagaagt	tttctgattt	aggataatgt	tctatatttg	72060
gataaggggt	tagttcaact	agatagatgc	atttatcaaa	agtcatacaa	tggtacacttt	72120
cagatgtacg	tattgtaata	gacatgcata	ttaccocaaa	atcaagaaga	accatgagca	72180
aatactgact	tctagtgaac	gacatgcata	ctgaaacttt	cgtagtgaag	tataattatg	72240
gctgcagttg	accttgaagt	acataaaaaa	ctaaagttgat	gggtgaatac	agtgattaat	72300

10071411.020702

agatagaaat ctgtggtaaa gcatacggag aaaaatgtta attgtagatt ctagggttta 72360  
 tatatatctt cactatataa ttaaacggtt ttatgtttta aaatttttat aatgttgtaa 72420  
 aacctcgtaa tccatcctaa cgcagtaaga caagaaaaag agataaaagg tatatgatt 72480  
 gggaagtaag aaataaaaac gtctttgtta gcagatgaca tgctcatcta tgtagaaaaa 72540  
 ccaaaagaa gtataaagaa actcctggaa ctataaagt gtacagtaa ggtgttagga 72600  
 tacaaggtta atatacaaaa gtcaatcaat ctcttattca ccagtaagta acagtgga 72660  
 attgaaatc aaacaaaat actatttaca ttaatactcc aaaaatacat atttagtttt 72720  
 aaatctaata aaatacatat aagatcttta tgaggaaaac tgcaacctgt atgacagaaa 72780  
 tcaaaagtaa actaaaagaa tagacataag taaattttcc ccagaaaagac tcaattattg 72840  
 caagatgtca gtcttccaa acttgacctat tagattcaat tgaattctca tcaaaattctc 72900  
 agcaagttat gtgttggtata ctgacaaaat tattcttttt tttttttttt ttttttttga 72960  
 gacggagttt cgcctctgtg ccagcgtgtg agtgcagttg cgtgatctgt actcactgca 73020  
 agctccgcct ccgcggttca cgcctattct ctgcctcagc ctcccatgta gctgggacta 73080  
 caggcacgct ccacatgccc cgcctaattt ttgtattttt agtagagagc ggtgttccac 73140  
 gtgttagcca ggtatggtct gatctcctga cctcgtgatc caccgctctc ggctcccaa 73200  
 agtgcgtgga ttacaggcgt gaggccacgc gcccgcccaa ctattctcaa aatttagata 73260  
 gggaagcaaa agaccacgaa cagctaacac aacaattatg taggaaaaa caaattttg 73320  
 aaaaatgata ctaccaaat ccaagactta ctataaagc atagatacga agatgtgccc 73380  
 gtattgtgta aagaataagac aaatagatca atggaacaga atagagagcc taagaaatag 73440  
 acccttcata acatcagcta ctcatcctg acaaaagtgc atagacacta caatggagca 73500  
 aagatgtctt ttccaacaag tgggtgcagg acaactggat atccacatgc aaaaacaaac 73560  
 aaacaagcat gaactctgat acagacacta tgctcttcac aaaaatttaac taaaatttga 73620  
 ttatagatct aaatgttaaaa ttcaaaacta taaaattccc ataacatagc tcaaaattctc 73680  
 gatgacctag gtatggtcat gaacttttag acataaacac ccagccatggt tcatggaag 73740  
 aaataattgg taatttggac ttaattaaaa ttaaaacctt cgcctctgca aagaccacca 73800  
 ctaggagagc gaggaaatat ttcaaaagac acatctgata aagaatttgt acttaaat 73860  
 tacaaaagct ttactaaact aacagtaagg aaacaaatct attgaaaaat ggcccaaga 73920  
 ttcttaacaa caaaagaaga tatacaaatg gcaagtaagt atgtgaaaaa agcgtgcaca 73980  
 gctggggggc gtgtgtgctc acgcctttta tcccgact ctgggagctc aaggcgcca 74040  
 gatcaactga ggtcaagaa cccagctgtc caacatggaa aaacctgtct ctaactaaaa 74100  
 fctaaaatta gctaggcgtg gtgatgcagt cctgtaactc cagctacttg ggaagctgag 74160  
 gcaggagaaat cgcctgaacc cgggaaggtg aggttgcagt gagccaaagt ccgcgcattg 74220  
 cactccagcc tgggcaacaa gagtaaaact ctgtctcaag aaaaaaaa aaagctgca 74280  
 cattctatgt tatcaggtaa atgcaaaatt agaaataacgc aataacaaga taacctaca 74340  
 tacatattag aatggccaaa attgagaaca ctgacagcac caaatgtgga ggaggatgtg 74400  
 gagcaacagg aactagagag aatgcaaaat ggtatagcca cttaggaaga cagcttgcca 74460  
 gttctttaca aaactaaata tactcttacc acacaatcca gcaatcacac tccctggtat 74520  
 ttacttacct cccaacaaaa accctcatat ggaatgtcag agcagctttg tctcataattg 74580  
 tcaaaacttg gaagcaacaa aagatgcctt tcggtagggt agtaataaaa taatatccag 74640  
 acaatggaaa taccattcag tactaaagag aatagacta tcaagccatg aaaaggcgtg 74700  
 gaagaaactg aagtgtgtat caactaaaagt caatctgaaa aggtgtcata agtttccaaa 74760  
 gatgatgat tgcagaaaag gcaaaactgt ggagacagta aaaagattgc cagggtgtag 74820  
 ggagctggga ggaatgaata ggcaggagca agaggatttt cagggcaata acctactct 74880  
 gtatgacact ataatgtttg atacatggcc agatccagc aatgtagaa accaagagtg 74940  
 aaccttgaac tatgactttt gagtgatgag gatgagtcag tgtaggctca tggattgtaa 75000  
 taaatgcacc actgtggggg ggggggggata ttgataactg ggggggtgta catgtgtgta 75060  
 gacaggagta aatgggaaat ctctactttt gttaccgggt gttaccgggt cgcattttga 75120  
 caaaaaaatt ggacaaaaag cctactcttt ggaagaaagt aaagcaacaa agcacagatt 75180  
 tattgaaaac gaaagtacac tccacagggt gggagcagcc caagcaggt ggcctcaagg 75240  
 cctgaataca gattttttct ggtttttaat accctctaga ggtttccatt ggttactgg 75300  
 tghtataccc acgcaaaatga agaggatgaa gggaggttac aagaattattt acttgggtga 75360  
 gaaaatttag gttttttccc ttattttagt tctatgttgc ccttaggtta cctgctctca 75420  
 gacctattc tctgcctcca ttttatttct aattttgttg taacctataa ctgtctcaa 75480  
 aaaaataaat ctttttaaaa agaaaaataa ctataataat gcaataatgt gtaactaca 75540  
 taaaaacaaa gaattagtct cctacatca gaaaaaaaac caataatatt ctaagtataa 75600  
 atgcaaaaaa gccaaagaaa atgcccgaag catggaaaatt cacagaagta gaaatagcca 75660  
 gtaaatcaac aatgctcatt ttcattttat tgagaaatgg agagtaaaac tctcagtgca 75720  
 tacaaggagg taacaatcat tttaggaaca attttaaaaa taacacttgt gatgtggctc 75780  
 caaaagatt catattctca ctgttagaag gtaagtgaa tctcagtttg gtcagtttg 75840  
 agacttagaa gatcaaatgc atctaccctt ttctacttct tagaaatgta tcttcagaa 75900  
 tgcacctccc tccctcacac ccccccaagt gtacaaaaat aatgacatg gatgtggact 75960

1007441.020702  
 1007441.020702

gcagccttgt ttctaataacc aaaaatcagt aaacaaccta aaaaatctgta tccatgagga 76020  
 tttaaagaaa tctctgatga gttagaaaga ataggttaga tgccctgggtt ctaacataga 76080  
 aaatctcaaa atctgttgtta gaagaaatga aagtgaggtg atgtgttaaat 76140  
 gcagtaagca aaatacatca tatataatgt actttctatg tatttaacct tatgagcggtg 76200  
 atgcctccaa ctgcataagct gtggctccgg gaggaggacc ttgtaacaga gacctctgcc 76260  
 ctgactgtcc tgaggggccct ttccctggga aaggaaccag gtttgatttt cagctctcttt 76320  
 tggttatccc atgtgaaacg ctgtgttgtt catatgcctt tccctccgct gactcgtatt 76380  
 taccttacag aagctctcct tagtgcttca tcaagacact cctcttttcc aaagaaaaga 76440  
 cagcccgact ccagctctcc ctgggttgag tccgaggtgag ccccgaggat catgtgcctc 76500  
 ccacccaggt ccgaccccgag tggtagggag ttgccccttg tgccccttg gggcaagcaa 76560  
 ctacagagtg tggcaggatt gcatgtcaca gtggcaacttc caaggccctg gagagactct 76620  
 caacgcctct gttttaaaga tgtcacacag gctgtgcagc aacaactcta gggatcgact 76680  
 tcacactgac agagttggca agcttttctc ataaaggggc acacagttaa tactgtaggc 76740  
 ttttgtagcc atactatctg tcccaacaat tcaactttgc ccaactgtagc tgtgaatcaa 76800  
 ccgtagataa tattaagtga atgtgcactg ctgtttgcta atagtattat gacaaaacaa 76860  
 gctgcttttg agcagtttgc taccocgaca gagactgtgg gtagtccctg gtggcagaga 76920  
 cctacaggca ctgcataccc catcagtggt gctggttcca tctctcaag cctgcctgca 76980  
 cccagagca ggcagtggtg ttctcaaaaa aactcctaaa atctcccaaa gtagctgtgg 77040  
 cctcccgaga cggactctcc tcaacttctt acaggggcag gtctctctt cggttccacc 77100  
 ctctccaga ccgctctcag gggccatccc cactcctct tggcccgcaag cacagactct 77160  
 cccacacagg ctacagcagct ctgggggctg gtccccacc tggagctgca ggccctccact 77220  
 cctggggaca gctgtgacca tggctctgca aagcagcctt gtgctagct ccccaagcag 77280  
 ctggcagccc agagtggaaac aattctgtgg atcacctctg agacacagcg acatctgggc 77340  
 aagcctggct tcccaacccct cactcctgc acactctgac ccttgccatg catgtggtag 77400  
 ggaagctgca accaggcctc agcactccca gacctgtggc cgtttgtgtg tctgaggatc 77460  
 gtggcactgg tctccctcag aggccttgcc agagccaggg gatgcagctg gccagagctg 77520  
 tcactgtgaa cctctcgtgt ctccctgggt clttctcagc tttgtctagc tctcaggcaa 77580  
 atttctatg ataaggctgt atcataatct agtgcctcat ggtcatgca cgcagacact 77640  
 gagtctgct tctctcaggg ttgtgagctc aggtaggaac gggatgttt agcaagacac 77700  
 acctgtgaga aatgcctgtt ttaactccca tcccaacac cgtccagac actgccagcc 77760  
 caccoccgac acagctgtct gaggaggct gaggaaaaa ggtcactcca gggcccgcat 77820  
 actatttct gatgtgtaag ccagacaacc ctggaaggga ggtcaggaaa cccaggtgcc 77880  
 tggcaacgtc cccagcctcc ctgcagcaaa acactctcat agctctcat acaaaacccc 77940  
 aaaggcttta ttgctgcaat tagacatccc agtgtatagc tgaacacaca caaaagaata caaaactaga 78000  
 aattaitcaa gtggtataatc tgagaaacag tgaacacaca caaatgtgaa gtgcctttta 78060  
 catttagact actgaagaatt ttctaaggta agaaaaatct caaatgtgaa gtgcctttta 78120  
 gaaactacac cacaacatgcc agtgtaaatt tggtttaaca atcaatttct ataaacattg 78180  
 catctaactg tgcactgact aactgcacaa cttcaacaa taactccaag acaaaagata 78240  
 atgcctttat ttccctatgt ttgtgtcttt ccttgggcta gagacagaag ctgcagtttt 78300  
 caaacagat tcaaaaggga aagcacttca aaacagaaa tacttcaatt tgttatgtg 78360  
 cttcagccc atccagagac ttgtggtct caccgggtg gtcccagccc tctcccaacc 78420  
 ctgaagccca cagcaggggt gcagaggcag cccagatcg tccagagctc atccagagct 78480  
 cccaactctg cccagctgcc tgaggcctgc atgcctgtgg ccaggttagga cacatgtgca 78540  
 gggttgaaaa cagcgtctac aagactgaag agtgactga agcaaaaaag ggaagaaact 78600  
 tagaggccta cagtaggaag agacctttta tagagttttc aggaatctc cacaataaac 78660  
 ttgggcacaa agacaaatt gctgaggcca gaagcctgct tatggtactg tcttatgtg 78720  
 gggatgaggg ccaaatcaga gagggtggc ttgtgatacc ccagaccact tgctcttcc 78780  
 ccttccctg cctacaaata ccaggctccc tggccctgag acctcattct ggggttctat 78840  
 atgggtcaac caaatgccat ccttctaata aaccagggt caaaatgggg ggggaatggg 78900  
 ggaagctggg gagtacacag caccocaaa aaccagaga gcaagttttc caagctcaca 78960  
 ggaacattg gacagctggt ggccacacca gatgggagta cacactcccc acaagcgtct 79020  
 atgcttcaat gctagatgca gggggctaga agggctctat gaatcaggag ctgaaactaga 79080  
 acctcaaga aaagaaaagt caagggggtg gctctgtgcc ccgccaggag aggaagaaag 79140  
 aatgtgtgtg gattgtccac agtgaggcca gaaacgata gatgtgtgta gccagaaaa 79200  
 aaggagagag cttctccatg agaactctggc tgggcatgg agggatagca ggctcagta 79260  
 tcaaggaccc ttgcccatag tggggtgcca gctacattg gtgggatgcc caggggctgt 79320  
 cactacctat cagcttctct gtctacagga agtcttgggt ctlttcaagt tcaagataag 79380  
 ggggttccata tctgaagttg ggatcacaac ttagaataatc tatcctggct ttccactgaa 79440  
 acactcactc agtgcctgggt ggcaggaaac agtatacaaa accaggggcc ttcctgggc 79500  
 agttcctaag ggaacttgcc agggctgacc tgggattcag ctccctgag tggcagact 79560  
 gtggttgctt ggggtcccca ggctgagaag gggataggtt aattgcactt cggggcacag 79620

10071411-020702

tgaacacagc cagcggtctg atgtgccttg ggagacagaa aggagagcgt gacctaattc 79680  
 caggagctgg ctatggcttg acagtgcctg cccggccaga ggaaggccac gagacagcca 79740  
 ctccacagac taagacctgt gttgccaaagg aatcacagac tggtctggag gacagcaggag 79800  
 gacaaagcct gctgctatta agccacaccc gtacgttaga gatccttcag cctcctggcc 79860  
 ttccaaaaca gctccagggc ttccactctg aaaggcaaaag gaatcacctc gtgtttgctt 79920  
 catcccccta gcaggatgaa cgaaaacgcct aaggcccaaaa aagactggag gcaggacccc 79980  
 cagcatctcc catctctgaa gtgcaggtcg ggtgagagaa tggcctggag aggaagcatc 80040  
 tggcgtacat tgtgcttcag gcccccacag caactttccc ggaggttaact atttgccctg 80100  
 aaaaactagga aactgggttt taaaaaacaga attttaagca gacttttttg aggaaccaa 80160  
 ccattttagt gtagtgtatt tggtttttgt ttatgaaat ttgtacaggt gattacccctg 80220  
 atgacagaaat gcaactgagag tggggccaaag ggccttgaa gacctgtctc gttcagctctg 80280  
 tttaagggcga cagctggggc ggcagtgtgg ccgggagcag tggcacagcg gccctggcca 80340  
 gtttgctcac acctggccct cgtcccagag ccagccaccc tgccctctgg cctcggtagt 80400  
 gactccacag aactcccccg agcagaagcc tcacagtggg ccagcaccca tcttgcatcg 80460  
 aaggggaaac ctgcatgcag tgcacacacc ccggccaggg tgccacatgg ctgctcttcc 80520  
 aatgtgaagc caacaccaac tggagagatt taactataaa ggaatatttt ttaaatattc 80580  
 agtttttgtt tctattactca ctctctttcc ttccatttcc atctcacaaa ctgttctttt 80640  
 tcaagtgtga caaaaaagaa atgtatggcg caggtctaca aagtcttaca ttgtcttcaa 80700  
 acaggctcaa aagcatagga atcatgcttt aattgccatt tagcatccac taattcccat 80760  
 gagactctgg atataaaaaa aagcctctgg cctgtgtgct cgtctttaa agtcatcgct 80820  
 ctgttttttg aacagaaga atgccacgt tcttagcata tgaaggcaa aatggatttt 80880  
 tgaattctca tgaatgaag gagatacaaa ggtaaggaa ggaagatttc taagtggagc 80940  
 ttttttttag tgtcaattcc gctggacaca catattacaa aataaagatt tctctctgta 81000  
 aagtgtctgt tctcagtga atcatgcgcc accacagagc acctggtctc cactgtctca 81060  
 agagactaga ggagcagcga tcggcagagg gcaggcagga ctctgtgttt gggggtctgt 81120  
 ttccaatacca tctctctggg tctgcctgta tgcagaggga atcttctcgt catgctctga 81180  
 cactcccaaa tgcctctgct caggctgggg accactgcaa cctgtctcgt ctggggtatc 81240  
 agggcctggg caccctctgt cctcctcttc ccttgggatt ggcattttat tctctcttc 81300  
 agctcaagac catggcgagc aactctgctg gctcccaatg atgtcatcat ggggtctctc 81360  
 ttttcccaac agactgctga ggcagaggca ggaccagggc atgctggccc cagcagaagg 81420  
 acttcttaga gaactaagag gggtttgaaa aagaagaagcc actataaata ctcaactgtc 81480  
 cagttctatc tattaaagga cataagaaa gtatacaatt ggcagttaac aatttctctc 81540  
 agctctctcat ggaatgctag gaaatgaca acccgcacac aatcacagct gaatgatttc 81600  
 tgcctcagtg tcttcacag ctgtgcaaca agaagagttt gtgtcggagt gtgtcggatt 81660  
 atatccatgt ttattttcaa agttgggctc tgttagtgga gatttttcaa aaatatctct 81720  
 tttgtctgtt tctggacagt tttagacata gatcactcta ttataggcct tatagctctt 81780  
 ccacaattgc acatacactt tacactgaac atacataaaa agaaagtcct cggtagaagc 81840  
 gatggccaca accaccaatt tagtccaaaaa gggccattct aggaattctg gaagggaaaa 81900  
 actcagccta tttagatttta ttaagatat gtcttccaca cggggctgaa gnnnnnnnnn 81960  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 82020  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nngcggtgac tgtgacattt aggtctggcg 82080  
 tccgggggaga gggaaaaagg gagggagagg gagagaggga gaggagaggag gaggagagg 82140  
 gagagocata tgtagttaa agtagtttt ttccaattct gagaagaagct tcaattggtat 82200  
 cttgtagtgg atggcaatga ctctataaaa taacctgggg taacctgagc ttlttcacgat 82260  
 attgattctt cctaccccat agcatggaaat gttcttccat ttgtttgatc cctcttttat 82320  
 tctcttgagc agtggtttat atttctctt aaagaggtcc ttcacatccc ttgtaagttg 82380  
 gatttctagg tattttatc tcttgaaagc aatgtgaa ttgtgtgtt gatttttcaa cattgatttt 82440  
 gctctctgtt tgtctgttat tgggtatataa gaatgcttgt gatttttcaa cattgatttt 82500  
 gtatactagt acctgtctga agttgcoata cagcttaagg gacttttggg catgacagt 82560  
 ggggtttctc aggtatacaa taatgtatc tgacagacag gacaatttga ctctctctt 82620  
 tctcaatcga atgcocttta tttcctctc tggcctgatt gcoctggcta ctaactcoaa 82680  
 cactatgttg aataggagtg gtgagagagg gcatccctgt ctgtgcccag ttttcaaaag 82740  
 gaatgctctc agttttttgc catgatgtat gatattggct tgggttttgg catagatagc 82800  
 tcttattatt ttgagataca tctcataaat acctaattta ttgagagatt tttagctgaa 82860  
 gcgttgctga atttttctaa aggccttttc tgcactatt ttgtgtatct tgggtttttt 82920  
 ctgatttggt ctgttttgat actgggttac atttattgat ttgtgtacgt tgaaccagcc 82980  
 cttgcatccc agggatgaag cccacttgat catggtggat aagccttttg atgtctgct 83040  
 ggattctgtt gccagttatt attgaggatt ttgtcatoga tgttcatcaa ggaatttggt 83100  
 ctaaaaaggg ttttttggt ggtctctgac cagctgttgg tccaggtatg tgcctcccc 83160  
 attaaaaagg ggaggagaa ttccctctct tctattgat tctattgat tcaagaagaa 83220  
 tggtagaccg tctccttgt acctctgcta gaattcggct tgaatcctt caggtcctgg 83280

10071441.020702



actgtttttt gttggttaag tattaattgt tgcctcaatt tcagagcctg ttattggtct 83340  
 attcagagat tcatctctct cctggttttag tcttgggagg gtgtatgtat ggaggaattt 83400  
 tctccattct tcatgatttt ctagtattat tgcatagagg tctttataat attctctgat 83460  
 ggtagtttat attctctggt gatcagtggt gatatccct tttatcttt ttattgcac 83520  
 tatttgattc tctgtcttt tcttctttat tagtcttgct agcgtctat caattttgtt 83580  
 gatcttttca aaaaaccagc tcttggattc attgatttct tgaagggttt ttgtgtctc 83640  
 ttttctctc agttctgtc tgcattagt tattcttgc ctctgtctag ttgttgaatg 83700  
 tggttgtctc tgcctctcta tttcttttca ttgtgatgtt aggggtgcaa tttagatct 83760  
 ttcctgtctt ctcatgggg catttagtgc tataaatttc ctctacata ttgtcttgaa 83820  
 tatgtccacg agattctggt atgttgtgtg ttgtttctca ttggtttcaa agaattatct 83880  
 tggttctgct ttcattctcat tatgtaccca gtatgcact agggacaggt ttgtccagtt 83940  
 ccagtgtagt gattggttt gagtgtgtt cttagtctgt agttctagt tgggtgact 84000  
 gtgtgtctgag agatagttt ttacaatttc tgttctttta catttgtctg ggagagctta 84060  
 acttccaact atgtggtcaa ttttggaaata ggtgtgtgtt ggtgtctaaa aaatgtata 84120  
 ttctgtgtat ttgggttgga gagtctctga gatgtctatt aggtccgctt ggtgcagagc 84180  
 tgagtccaat tctctgggtat ccttgttaac ttctgtctc gttgatctgt ctaatgttga 84240  
 cagtgtgggt tttaaagctt ccattattat ttgtgtgggt tctaatctc ttgttagatc 84300  
 tctaaagact gttctttaga atctgggtgc cctgtactg tgcgtactgt taatggcctt ctgtgtctt 84360  
 agttagctct ttgtgttgaa ttgatccct taccattgtg taatggcctt ctgtgtctt 84420  
 ttgtatctt ttgtgtttaa agtctgttt atcagagact aggaattgcaa cccctgctt 84480  
 tgttttccat ttgcttggtg gatctctctc catcccttta ttttgaacct atgtgtgtt 84540  
 ctgcactgga gatgggttct ctgaatacac cacactgat ggtcttgact ctttatccag 84600  
 ttttccagtc ttgtctcttt aactggaaca tttagcccat ttgtctttaa ggttaataat 84660  
 gttatgtgtg aatttgcact tctcattatg atgttagctg gttattttg tagtagttt 84720  
 atgcagtttc tctccagact cgtatgtctt tacaatgtg catgtttttg ttgtgtgtg 84780  
 tatgggttgc ccccttccag gtttagtctt tccctcagga gctcttttag ggacggctg 84840  
 gtggtgacaa ataactccag catttgtctg tctgtaaagg ttcttatgtc tctctcattg 84900  
 ataagactta gtttgtgttg atatgaaatt ctgggttgaa aattctttc tttaagaatg 84960  
 ttgaatattg gccctcact tcttctggct tgttagattt ctgccaagac atgagctgtt 85020  
 agtctgtatg gcttccattt gtgggttaacc tgacctttct ctctggctg tctcaaacat 85080  
 ttttctctc ttctcaactt ggtgaactcg acaattatgt tcttggagt gctccctctc 85140  
 gaggagatca ttgttgcat tctctgtagt tctgaattt gaattgtggg ctgctctgtc 85200  
 agattgggga agttctctg gataatcc tgcagagtgt ttccaacct ttgtccactc 85260  
 tccccgtctc ttccaggtac accaattaga tgtagattt gcttttccac atagtcccat 85320  
 gtttcttgga ggtctgttct atttttttt tctttttct cttaaactt ctctcatgct 85380  
 catttcatgt tttagattt ccatcccaa taccctttt tccagttgat tgaatcagct 85440  
 actgaggtct gtgcattcat catgtagttc tcatgccatg gtttctctgt ccatcaggtc 85500  
 atttaaggac ttctctcat tggttattct agttagccat tcatctaat ttttttcaag 85560  
 gtttttaact gctttgccat ggttctggac ttctctctt agtccagagt agtttgatca 85620  
 tctgaagctc tcttctctca actcgtcaaa gtcatctctc atccagggtt gtctgtgtgc 85680  
 ttgtgaggag ccgtgttctc ttggaggagg agaggcact tcatttttag agtctccagt 85740  
 ttgtgtctc ttgttttct toactttgt ggttttatct agttgtgtc ttgttagtg 85800  
 gtgactgaca gttgggttt ttgtgtgagt gtctttctg ttgttagtt ttctctttc 85860  
 aattcaggac cctcagctgc aggtctgttg gagtttactg gaggctcaat ccagacctg 85920  
 ttgtctctgg tatcagcagc agaggctgca gaacagtgga tattggtgaa cagcaaatgt 85980  
 tgcgtcctga tcttctctc ggaagtttg tctgagagg gtaccagagg gtgtgaggtg 86040  
 tcagtctgcc cctactaggg ggtgctccc agttaggcta tctgggggtc agggaccac 86100  
 ttgaggaggc agtctgcca ttctcatgat tcaagctgtg tgcgtgggga accactttt 86160  
 tcttcaagc gtgcagacag ggacatttaa gtctcagtg tctattgct tctattgtt 86220  
 gtctgtgccc tgcacctgga ggtggagtgt acagaggcat gcaggctctc ttgagctgtg 86280  
 gtgggtctca gccagtcaa gcttccggc tgcctgttt actactcaa gctggtgaa 86340  
 tggcggggac cctcccccac gctctgctgc cgccttacag ttgtgtctc gactgtgtg 86400  
 ctgacaaga gtgaggtctg gtgggtgtag aacctccaa gctatgtgtg ggtatatac 86460  
 tctgtgtgtg ctgtttatta agccatttg aaaagcacia tattagggca ggaagtacc 86520  
 aattttccag gtgcactat tgaatgctt ctltgactag gaaaggaa tccctgact 86580  
 ctgtccctc ccaggtgtg tgatccctca cctgtcttg ggtcacagct ggtgtgtac 86640  
 accactgtc ctgcaaacac tgtctggcac tccccagtta gatgaaccg gtactcagt 86700  
 tggaaatgtg gaaatcacct gtcttttga tctgtcatgc tggagctgtg agactggaac 86760  
 tgttctatc cagacctctt ggtccacgt ataccactg ccaactctt ttagtctaa 86820  
 agtgagtgcc ttgtccag gcaatgctgt gtggaatacc atgaggttg ataggcatt 86880  
 ctgtgagtc atgaatgga gtctgtggag agcattgtgt tcaagttagg caaacccata 86940

10071411.020702

tccagagtaa	gtgtctgttt	cagtgaggac	aaacctctgc	ctttttcagg	atggaagagg	87000
tccagtataa	ccaacctctc	accaggtaac	agactgatca	ccccgagaa	tggtgccata	87060
ttggaggtcc	agtgcttagtc	tctgctctgc	tcaaattggg	cactcagctg	tagccatgac	87120
caggccagtt	ttgggtgagtg	gaagtcocat	ttgctgagcc	catgtataac	ctccatccct	87180
gccaccattg	ccactttgtt	tatgggccca	ttgggtgata	acagggtggg	ctgggggaaag	87240
aggctgagtg	atgtccacag	aacaggtoat	cttatccact	tgtattatata	aatcctccct	87300
tgctgagatc	accatttggt	gagcactcac	atgggatcca	aatatcttca	caggtttttg	87360
ccaactcagag	agggtccatcc	acatacctct	tccccaaatt	cttttgtcac	caattttcca	87420
atcatgcttc	ttccaaagtc	ctgaccatcc	agccaaaacca	ttggctacag	cccatgaatc	87480
aataataaat	cgccacatctg	gccattttatc	cttccatgaa	aagtgcacaa	ccagggtgac	87540
tgctttgaagt	tgtgcccact	gggaagattt	cccttcacca	ctgcccctca	gtgatgtcct	87600
agaaaggagg	ctctagtgctg	cagctgtcca	cttttgggtg	gtgctgtcat	atcgtgcaga	87660
accatctgtg	aaccaggccc	tagctctctc	ttcctctgtc	aactgatcat	agagaactcc	87720
ccatgagccc	atcggtgcag	gctggggaag	agaagggtgg	gtggcagttg	tggaacacct	87780
gggcatttga	gtcacttccct	tgtgtaactt	acttgtccct	ttaggacctg	ctcgagccca	87840
atcacatata	tatcacttcc	atttgatgat	ggaatgctgc	tgctgcatgc	ccattttatg	87900
gtcatactggg	tcagaagaaca	ccaggttcat	gatagacagt	tcagttccaa	tggtgagctgt	87960
atgaccctata	atcaaatggt	cagtttccac	caaagctcag	taacaggcca	agtagctgtc	88020
ttcaaaagca	cagtagttat	atgcagaaaa	tggcagggcc	ttgtttcaaa	ttttatagag	88080
catctgctgt	gattoacotg	tgggggcctg	ccaaagctcc	caaacagcat	ccctactctg	88140
cactgatgcc	gaaccaccca	ttggatctgc	tgagtcatat	ggcccaaaaa	gcagagcagc	88200
ttggacagca	ccctggacact	gaggcagagc	cttatccctg	cttggacccc	actcaaaact	88260
ggcgactctt	tgagtcactc	gataaattgg	cctgagtaac	acacccaaat	gaggaaaagt	88320
ttaactccaa	atgcacagta	ggcccactac	atattgtgcc	tttttcttag	ttgtatgagg	88380
ggccaaatgc	agcaacttat	ccctcatctt	acaaggagta	attttagtca	ccccacacca	88440
gtggaccctct	agaattgtta	ctgaggtaga	aggtccctga	attttagtca	aattttatct	88500
ctctcctctg	gcacacaac	atctccaaaa	taagtccaat	gtgtttgtca	cttctgtctc	88560
actgagctcg	atcagcataa	tgtcatcaat	gtaatggacc	agtgtagata	cttgcaagaag	88620
caaaaagtgc	tcaagtagta	tccaaataag	attatgatgc	aaagtcagca	tttataactc	88680
ctgtgagtag	gagagtaaa	atatattgtc	agtcttgcca	gctgaaggca	aattgctctc	88740
agtggtccct	atgaatagga	atggagaaaa	aggcatttgc	caagtccaat	gtgctcaacc	88800
aggtaccagg	aaatgtgta	atttgtccaa	gcaatgaaac	cgtaattcgt	acagacagctg	88860
caattggagt	caccacttat	ttaagcttat	gataatccac	gtactctctc	caagatccat	88920
ctgtcttatg	ccaatgccaa	atgggagagt	tgaattgggg	tgtagtgaaa	atcaccaccc	88980
ttggcgcctt	caagtccctg	atcatggcac	taactctctc	aatccctcca	gggatgtgat	89040
attgtttttg	atttaccatt	tttctaggtt	gaggcagctc	taatgccttc	caatttggct	89100
ttccccacct	aataggccct	accctaccag	tcagggagcc	aatgtgggtg	ttcttccagc	89160
tgctaagtat	gtctatgcca	attatgcatt	ctggcactgg	ggaaatgaac	acaggatgag	89220
ctctggggacc	cattgggacc	actgtaagtc	agacctgagc	taaaactcca	tttaattacct	89280
caactccata	agctcctgct	ttaactggag	gaccacaatg	acgttttgag	tcocctagaa	89340
ttaactgcac	ctcagagact	gtgtcctgta	atccccaaaa	tgaactgata	tttccctttc	89400
ccaactgcac	agttacactg	ataaaaggct	ggaggtctcc	ttgggaaaaa	atgggagaaa	89460
gattaacagc	ataaattggt	ggtagtgtag	tggtgctcct	ccctaatggg	accocaaact	89520
ccctttactc	aaagggtctg	gtgtctgtaa	actggctcaa	gtcaaaaatt	ttctgagggg	89580
ccattgattct	ctatttttat	aattcaaaag	agtggttttg	ccatttgacc	tggaagtttt	89640
ctgtcttaatt	aaattaaatg	ggaaagaagt	aggcatccta	acaaattcac	ttctgggaaac	89700
actgtgatta	attagcgaat	gccagaactc	tacatgagtc	agactattct	gatttgtgct	89760
ttgocactact	tgctctgta	ggtagttagt	cccaactctg	ctttgatggt	tgagtgccac	89820
caacttggcct	ctgcacacct	gggatccaat	tatttccact	gtatttacct	tgatttagtt	89880
agtgactgtg	gtctccacca	ttggatctga	tatgcagaga	attacggggc	tcttcaagaa	89940
tgcaagtgct	acctccacag	atctattttg	caagggtattg	gtcaagggtta	tattctctgg	90000
gcccttccat	ctgggatgag	taggtctaaa	gtgactaatc	cactccacca	tctcaatctc	90060
cttaagcctt	ttgactccct	ccctcatact	aaaccaagag	tgatcagaca	tttccagctc	90120
cctccacagct	gccactcttc	aatccatatt	tcagctaaact	aagcaaaaaa	attattagaa	90180
ccctttttta	accocctgag	ctgcaatatt	aatgcagag	ttctctacta	gtgggcccac	90240
atcaacaaat	tcagctctgat	ccaactctat	gttccctcca	ccatttatccc	acacccctaa	90300
tatccactct	ctccagattt	ctccagattt	ctgttttat	aaattagaaa	actcaagttag	90360
ttcttttcaa	gtatagtgaa	ccctccctcatg	ggtttcaact	tcaacctcag	ctcttggggc	90420
ccaataaggac	tttagtctgg	ttataggtct	agaagcagac	aggggtcttg	gggggtgctc	90480
ctgaggagaa	tcaacattat	tttgccctggc	aactgctcag	ggggggccat	cactgttgcc	90540
ttaggcagca	cagtgtttat	ctccccagac	aaatatggaa	agggctgatg	cagcatgggt	90600

10071441.020702

caggggagagg atgtccaccac tactggggat ggggaagctg ttttttttct ggcaaaaaag 90660  
 gtttctctag acctttacaaa ctacgtgtcc caggtctctc ccacatgtcc 90720  
 cctttccaag ttgcaggctg ccatctcttt cctcactctt aatagtcact 90780  
 acctggttag gcgtgtgcag cacccttcat tggaaagtcag ccaattgtcac aataagagct 90840  
 catatccatt ttcccacaat ttcagctctt tctctgcagg agataaact ttcactcagg 90900  
 gcaattcttag cagatttttag gctcagttatc tgcctctgaa gccaggagtt agaactccata 90960  
 agttcctttt cttctccac ttgttccatt ttgttccatt gaacttagga gaaaccaacc aacttcata 91020  
 tgtttccaca tatgttcaaa ggtattattt atagagtcac taaactctct gcctctcatg 91080  
 agcgtgcaat caggaatgtc aaatgcattt attttgtcta actctctaaa cagttctatg 91140  
 aagggtaaac tgaatcagtg ttctccatc tatcagaagt agagttctta gactttttga 91200  
 gtctaatcat atttaaacag cactccagaa accctaaaaa caatgaaaga actgcatcct 91260  
 taatgtttct ttctcttaga accactctg tacaaaaat ctgtgttagg tctcttaga 91320  
 ggggcagaa taataggata gagatataa agaaggaaag tttattaagt attaactcac 91380  
 atgatcacaa ggtcccacaa taggatattc gcaagctgag gaaccaaggag agccagtcca 91440  
 agtctctaac tgaagaactt cgagtctgat gtccaagggc agggagcatc cagtaccaga 91500  
 gaaagatgta ggtctgggaag ctaggccagt ttagtctttt catgtttttc tgcoaaacttt 91560  
 tcatattcta gctgcactgg cagctgatta gatgggtccc acccaggtta acgtggtgct 91620  
 tgccttcccc agccactaga ctcaaatgtt aactctcttt ggcaacagac tccagagcac 91680  
 acctaggatc aatactttgc atctctcaat ccaatcaagt tgcaactcag tattaacctat 91740  
 cacagaagca ttacttacta ataccacact ataaaagatg cggatgttag catagtattc 91800  
 acactgttcc ctacacaaat ccaactacca tggcctgggt tctatggaca tattattgga 91860  
 tctgagccag cttattataa tgttttaaat aatattcaag aatgtgtaca attgcaattt 91920  
 gaattgttat ttattaaata taggtcaatt tctaaataga tcttggtcca tagtcagatt 91980  
 ttacatcatc attctctcac tcatgacatt taaaagttta tttgttaaat ttggccaata 92040  
 tataacagtc gtttccctgg gatggtaat tgaatgccat tgaatgccat ggctatgtag tacatttctg 92100  
 agactttttt tatgttgcct ttatatttga tccaatacta ggtcatgtac tagatttctg 92160  
 gctcaaatct ctattgtctt aaaaactttgt ggttttgcct catgtctctc cagttctcac 92220  
 agttactgaa gtgactagta caacocagct tggacatgat gaattgttta ggctaaagac 92280  
 ttgggttttt ttgtgtcttt ggaagttttc tttaatactc tctttaaagt tctgtgatct 92340  
 caactcttgg ttcccttttc aggaacacca agtattcaaa cagtggatga tcatctgtcc 92400  
 tctacttcta aaatttttgtt atttaacaaa atgttataaa agtgaataca catttatgta 92460  
 acctttttgg attgatgttt ttgtgtcagc ataatttctc ggcaatccat cgaagtgttt 92520  
 gcatgcatca atcatctcatt cctttacatt gtaagtagt attccatgct atgtatttac 92580  
 aacagtttgt ttacccattc acctgttgaa aaacactctg gctgaacta gttcttagct 92640  
 attaatatta taaacaaaga tgcataaaac atttgttga cagttttttg tgtgaagttt 92700  
 ttatttttct gggataaaat cctgggagtg caattgctgg gctcatatgat agttgttgt 92760  
 ttttctttga gaaactccca aaattttcca gagtggatga agtattttat gttcttatca 92820  
 gtaattgtatc agtgatccgg ttctacaca tcttaccag catttgggg gttcatgatt 92880  
 tttaatttta gccattctga tagatagta gtgatagctt attgtgttt caatttgcatt 92940  
 ttccataaaa cctaaataatt ttgaacatct ttcatgtga tttattgtct tccatgaaat 93000  
 atctgtgtaa acagtgagta gaaggatgct ttccacagtc tgagaaggac agctgggaga 93060  
 ggtgtgaaa gagaggtgtg tatatgggta caaaaataca attaagacct ctggtccatc 93120  
 ctgggacagc tggctcatgc ctgcaatccc agcactttgg gaggccaaaag cgggtggatc 93180  
 cctggagctt agagctctaa gaccagcttg gccaacatgg tgaaccctg tctctatga 93240  
 acatacaaaa attagccctga catgtgtgtg cgtgcotgta atccocagta ctcaggaggc 93300  
 tgaggtctga gaatacatta aaccocggag gogaagtgtg cagttaagcc aggtcacacc 93360  
 actgctggca agoctgggca acagagcact ccagccgggg caacagagaa agactctgtc 93420  
 tcaaaaaaat aaaaataaat aaagtaaaac aaaataaaga gttccaatcc agcagagagt 93480  
 ggtgtagat ggtgcgggac cagctccctg ggaactgttg gcctttgccc tggccagctg 93540  
 gggagctgag ccaggatagc ctgtagcctc tgcccctgga caccaggacc ctgtgtgtg 93600  
 ctgcccacag gcacctgtgg gtgggtgctt gggccttgaa gatgcagcaa gctcctctc 93660  
 cccctcacac tcaagtactg aggtgtgtg tggcctttcc caggccgcac cctgcgggt 93720  
 atagacgaag tcccoactga gctcgatgc agtgcctttg ggtgtgtgt ggtgtgcag 93780  
 gggcagctgt gtgactatcc ggtgtgagc attgggaag tgccttggg atgcaggaca 93840  
 cgggtctcgc caoctcttta ggcocatggc ctgccagatc cgggtgtgg ctgaccactc 93900  
 tcccagctgt gttgagactt acctagtctc gaggacaaca gacaatggcc ttaatagccc 93960  
 tggaaaggtg gttgagccac agaggaggac agtgtggaac agttagcagg catgtggctg 94020  
 ttgttcttcc ttatcaccga octggaaagga ggcctatgg aaatgcocgc 94080  
 cacactttgg taagatttac tatctgtctc tagaagattt tgtgtatatt tgataaaagc 94140  
 tattctcaac tcaaccccaa ccttttaata gataacatct gtggggaggc tgacaagatg 94200  
 gctgaataga aacagctcag gtgtgcagct cacagtgaga tcaatgcaga aggtgggtga 94260

10071411.020702

tttctgcatt tccaaactgag gtaccocggct catctcattt ggactggtta gacagtgggt 94320  
 gcagcccatgt gagggtgaac tgaggcagggt tggggtgttg cctcacctgg gaagtgcgaag 94380  
 gggtcagagaa agtccocctgt tagccaagggt aagctgtaag gagctgtgac gtgtaaaagca 94440  
 gtgcattcca gccacagatc tatgtcttcc ccatggtctt tgcaacccac agacacaggag 94500  
 attccctcca gtgctttatgc caccagggtc ttgggtttca agcacaaaaa tgggtggcca 94560  
 tttgggtgata caccaggata gctgocaggag tcttttttca taccocagggt atgcotggaa 94620  
 gtgcacgag acagaaacat tcactocctc ggaaggggg ccgaaggccg gtaaacaggt 94680  
 ggtctagatc agtggatccc acccccatgg agccacgcaa gctaagatcc actggcttga 94740  
 aattcttgcg gccacgacag tagtctgaag ttgacotggg atgctggagc ttggataggc 94800  
 ggggtggcgtc tgcocattact gaggcttgag taggcagtg ttctctcaca ggttaaaagca 94860  
 aactgcgaag aagttccaac ttgggtggaac accccacagc gctgcacagc ttgcttagca 94920  
 agactgcctc tctagattcc tctgtctcgt cgagggcac ttgaaaaaaa agcaggaagc 94980  
 cccagtccgg gacttataga taaaactccc atctctctgg gacagagcac ctggggggaag 95040  
 gggcagctgt ggggtgcagct tcagcagatt ttaacatccc tgccctgccag ctctgaagag 95100  
 agcagtggaat ctcccagcac agtggttgag cagactgccca cctcaagtgg gtcocctgacc 95160  
 cccctggcctc ctgaccggga gatacctccc agaagaagcc aacagacacc tcacacagaa 95220  
 gagctccacc ttgcatctgg cagggtcccc tctgggacaa agctttcaga ggaaggacaa 95280  
 ggcagcaatt ttgtgcttcc tgcagctccc actggtgata ccagggccaa agcggtctga 95340  
 agtagatgtc cagcacactc cagcagacct gcagcagaga ggcctgactg ttagaagaaa 95400  
 aactaaccaa cagaaggaa tagcatcaac atcaacaaaa aggcactcca ctcagaanaa 95460  
 coactccaaa gtccaaacaa tcaaacacaa aaggtaggta aatccatgaa gatggggaga 95520  
 aaccagacca aaaagggctga aaattccaaa aaccagaatg cctctctctc tccaataaag 95580  
 cacaactctc caccatcaag ggaacaaaaa ttgagtggga atgaattgca tgaattggca 95640  
 gaagttagctc tcaaggtggg ataataacaa actcctctga gctaaggagc aatgttctaa 95700  
 cccacagcaa ggggtgcagc aaacttgaaa aaagattaga actagaataa 95760  
 cgagttttag cagagaacata aatgacctga tggagctgaa aaacacagca caacagaacta 95820  
 gtgaagcata cacacatac aatagctgaa tgcatacaag ggaagaaagg atcagagaa 95880  
 ttgaagatac acttcagaaa accctataag ccagaagaga ctaggggcca atattcaaca 95940  
 ttttaaaaaa aagaattttt caatgctgaa ttctcatoc agcccaacta agctctcaaa 96000  
 gtgaaggata caataaaattc ttacagacaa agcaaatgtg agcattttt tcgtcaccac 96060  
 gctgcagcta caagagctcc tgaagggagc aaataagcatg gaaaggtggca 96120  
 gccactgcaa aaacatgcaa aatggtaagc accatcaagc ctatgaagaa actgcactaa 96180  
 gtaattggca aataaacagg ctagactcat aatgattaga tcaaatctc acataacata 96240  
 ttaaccttaa agttaaattg gctaaatgcc ccaattaaaa gacacagact ggcaacatgg 96300  
 ataaagagtc aagaccatcc agtgtgcagt attcaggaga ccatctccac atgcacaaaa 96360  
 acacatagcg ccaaaataaa aatattttacc aagcaaatgg aaagcaaaaa 96420  
 acaaaacaaa aaacaaacaa acaaaacaa acgggttgca atcatagtct ctgataaaaa 96480  
 agacttttaa ccaacaaaga tcaaaaagaga aaaagtaagc cattacatag tggctgaaga 96540  
 gagcttaacta tcttaaatat acatgcaccc aatacaggag caccagatct cataaggcaa 96600  
 gt tcttaaac accatacaga agacttagac tcccaacaaa taatagtggg agattttaat 96660  
 accccactgt caatatcaga caggctcaat agacagaaaa ttaacaaaga tatctaggaa 96720  
 ttgaactcag ctccagagta agcagaccta atagacatct atagacatct agaccoccaa 96780  
 tcaacagact atacattctt ctccagacca catogcactt attctaaaa ttgaccacata 96840  
 attgggaagt aacactctcc cagcaaatgc aagaagatgg aaatcataac aaacagctctc 96900  
 tcacacacca ggcgaattaa attagaattc agaattgaaga aactcactca aaacotccaca 96960  
 ctctacatga aactgaacaa cctgctcctg aatgactgct ggataaataa tgaattgaag 97020  
 aaggataaag atgtgttttg aaaacaataa gaataatgta ccagaaaactc tgggaacat 97080  
 ttaaaagcag gtgtagagga aaatttatag cagtaattgc ctacaaaaa acacaggaaa 97140  
 gatctaaaaa atcatcaaat acatcaaat taaaagaaact agagaagcaa gagcaacaaa 97200  
 attc0aaaag tagcagaana caagagataa ctgaatcag ggcagaactg aaagagatag 97260  
 agacatgaaa aacoottaaa aatcaattaa tctcctctcc tctcctctcc tctcctctct 97320  
 tccgtctccc tccogctcct cctctcccca cgtctccctc ctccctctct ttccagctc 97380  
 tccctotgat gtcagcgcca agctggactg tactgctgoc atctgcactc gctgcaact 97440  
 cccctgctga tttctctgct tcagcctgcc gagtgcctgc gattgcaggt gcgcgcctc 97500  
 acgctgact ggtttctctc gcccgccag ccccgccctc cgggaggag gtgaggtc 97560  
 agccccccgc cggcgagcc gccccatccg ggaggtgag ggtgctctc ccgcccctc 97620  
 cctactggga agtgaggag cctctgccc agccacacc cgtctggga gctgtacc 97680  
 acagctcatt gaaagggggc catgatgaca atggcggttt tgtgtgaag aaagggggga 97740  
 aaggtggaga aaagattgag aaatcgatg gttgcctgt ctgtgtgaa agagtagac 97800  
 atgggagact tttcaatttg ttctgtacta agaaaaattc tctgctcgt ggaatcctgt 97860  
 gatctgtgac cttacoccca accctgtgct cctcgaacaa tgtgctgtgt ccaactcatg 97920

10071411.020702

ttaaatggat taaggggtgt gcaagatgt cttgtttaa cagatgcttg aaggcagcat 97980  
 gctccttaag agtcatcacc actccctaact ccaagtagc caggggacaca aacactgcgg 98040  
 aaggcagtag ggtcctctgc ttgtccactgt ttatctctgt ttatctctgt 98100  
 gacctccctt ccatattgtt cctatgacc ttgccaatcc cctctctgca gaaacacca 98160  
 agaattatga ataaaaaaat aaataaaat aaataaaat aaataaaat 98220  
 aagaataaaa cacaaataaa atgttataat tccattctca cataaaatca tctatagatg 98280  
 atgttataat ttttgaatcc atcactctca accctaccct atcttccagc ataatgaga 98340  
 ctttcacatg ttttctcttg cccagatgga gacactaaat gttaggtgtt gaattgtt 98400  
 aaaaaaaaat aaaaaaaaat gagagccagg catcttcaaa cagagaaaag catgttgaac 98520  
 acatttatct aaagtctatca aaagctatga ttgttagcaa gaggtaacct tgaattgcca 98580  
 aggcagaaaa ctgctcacaaa accacaaaaa gctgtttcaa ctgctgaacc taataataaa 98640  
 caatttatct ctcattaaaa aaaaaaaatc aattaatcca ggagctggtt tttttttaa 98700  
 gatcaacaaa atagatagac cactagccag actaataaag gatccacag aataacacc 98760  
 aatagacata ataaaaaatg ataaaggaga tatcaccact cagaaaagag agaagagtca 98820  
 tgatcaatct ctggacacat acacccctcc aagactaaac caggaaaagat tcaactccct 98880  
 gaataagcca ataaacaaat ctgaaattga ggtggttaatt aatagcctac caacataaaa 98940  
 aagtcacagg cagacaggat tccagcgtga attctaccag aggtacaaaag ggagctggtga 99000  
 cactctctct tgaactattt ccaaaacaata gaaaagaga aaactccct aaactctttt 99060  
 acgagggcag catctcctg ataccaaaag cttggcagaga cacaacaaaa aaagaaaatt 99120  
 tcaggggcga atccctaatg aatatgtatg caaaaatcct cagtaaaatt ctggcaaac 99180  
 gaatccagca gcaactcaaa aagcttatcc accatgatca agtgggtctt atccctggga 99240  
 tgcaaggctg gttccaacata tgcaaattaa tgaacgtaat gcattcacata aacagaaaac 99300  
 atgacaaaaa ccatgtgtat atctcaatag atgcagaaaa ctctctgac aaaaattcaac 99360  
 aggcctctac tttaaaaaact ctcaataaac tagatatcca tggaaacatg ctcaaaaacaa 99420  
 tcagagctat gctagagaaa cccagagcag ccaatattgg cctgaattgg ctaaaaactg 99480  
 aagcatctcc tttagaaatt gccataaagc aagagtgccc tctctacca cctctattca 99540  
 actatgatgt gggagttctg gccagggcaa tcaggcaaca aagagaaatg aaggatattc 99600  
 aattaggaaa aggagaagtc aaattgtctc tggttgcaga tgacatgact gtatatattg 99660  
 aaaaaccatc catctcagcc caaaatctcc ttaagctgat aagcaacttc gataaactct 99720  
 tgggatacaa aatcaatgtg caaaaatcac aagcatctct atacaaccaat aacagacaaa 99780  
 ccgagagcca aatccagagt gaactcccat tccagttgct tgcaagagaga ataaaaact 99840  
 taggaatcca acttacaagg gatgtgaagg acctcttcaa ggagaaactc aaatcactgc 99900  
 tcaatgacat cagagaggac gaaaaaaatc ggaaaaaatc tcatgtctca tggataggaa 100020  
 gaatcaatat cgtgaaatag cccataatat ccaaaagtat tcatagattg atgtctatcc 100080  
 ccatcaagct accactgact aattggaaaa aactacttta aatttcatat 100140  
 agaaccacaaa atagcctgctg caatcttaag caaaaataac aaagtctggag 100200  
 gcatcacact acctgacttt aaactatact acatggctgc agtaacacaa acagcatggt 100260  
 actgatacca aaacagatat atagaccaat ggaacagaa cagggtctca gaaataaac 100320  
 cacacatcta caactatctg atcttttgaca aaactgacaa caacagacaa tggggaaaag 100380  
 attctctact taataaatgg cattgggaaa actggttagc aatactgaga agctgtgaca 100440  
 tagatccctt cctctccactg tatacaaaaa ttaactcaag atgggctaaa gacctaaatg 100500  
 taagacctta aaccataaaa accctaataa aaaaactag taatacactt caggcatag 100560  
 gcatgggcaa agactctcat actaaaacac aaaaagcaat ggcaacaaaa gccaaaattg 100620  
 acaaattgga tctaattaaa ctaaggagct ctgcacagc gaaagtaact acctcagag 100680  
 taacacagca accaacagaa tgggagaaca tttttgcaat ctatccatct acaaaagggc 100740  
 gaattctcag aattctacaaa gaacttaaac aaatttcaaa caaataacaa acattgtct 100800  
 caaaaagtgt gtgaaggata agaaaagact cttctcaaaa gaagacattt atgcagtcaa 100860  
 caagcatagc aaaaaaagct catcatcact ggtcattaga gaagtgcacaa tcaaaaaaac 100920  
 aatgagatac catcttcatgc cagttagaat ggccatcatt aaaaagtcaa gaaacaaacg 100980  
 atactagaga gcatgtggag aatataggacc acttttacac tgttgggtgg agtggaattt 101040  
 agctcaacca ttgtgggaag cagtggtggt tctctcatct taccacagct gtggaggtac 101100  
 gnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 101160  
 aacgcataat cctgaaaagg atggcaaggt ttttttaag gttttatggg tttaggtgta 101220  
 ctctcaatga tctaaaacct tctaaaatta tttttgata aaggtgttaag aaaggatctc 101280  
 accctcaact ttttcaaaat tttttccagg cccctttttt taataaagat 101340  
 tctcttccac atttggttgt tttttcaagg ttgtcaaaag tcagaaggtt gtatagttg 101400  
 gttggttaatt ttttaggggt tgttttggtc ccattggtcc ataggtcggt tgtggtacca 101460  
 gggccatggt gttttggtta ctgtaagctt cgtgatattg tttgaagta ggtagcatga 101520

10071411.020702

tgccctccagc	tctgttcttt	tgcccttagga	ttgtcttgge	aatgcgggct	cttttttggg	101640
ttccatgatga	acttttaaa	agtttttccc	aattctgtgc	agaaagtcac	tggtagtgtg	101700
atgggagatga	cttgatctca	taaaataacct	tgggagtagt	gccattttca	tgatattgat	101760
tcttccctatc	catgagcatg	gaatgttctt	ccatttgttt	gtgtccctct	ttatttttgt	101820
gagcagtggt	ttgtagtctt	ccttgaagag	gtccttcaca	tccttgttaa	gttggaatcc	101880
taggtatttt	attctctttt	aagcaattgt	gaatgggagt	tcactcatga	tttggtctgc	101940
tgctctgtat	tggtatataa	gaatgcttgt	gatttttgca	cattgattgt	gtatccctgag	102000
actttgtgtga	acttccctat	cagcttaaag	agattttggg	ctgagacgat	gggggtttct	102060
agatatataa	tactgtcatc	tacaaacagg	gacaatttga	ctctctctt	tcctaattgt	102120
ataccctttta	tttctctctc	ctgectgatt	gccctggcca	gaacttccaa	ccatcatgtt	102180
aatagagtggt	gtgagagagg	gcacccctgt	cttctggccag	ttttccaaag	gaatgcctcc	102240
agttttttgct	ccttccagat	gataattggct	gtgggtctgt	cataaatagc	ttctattatt	102300
ttgagatata	tcoccatcaat	acctaattta	ttgagagttt	tcagcatgaa	tggttgttga	102360
attttgtcaca	aggccttttc	tgcatctatt	gagataatca	tgtgtttttt	gtcatgtggt	102420
ctgtttatata	gctagattac	atttattgat	ttgcgtatgt	tgaaccagcc	ttccatccca	102480
gggatgaagc	ccacttgatc	atgggtggata	agctttctga	tgtactctgt	gattcggttt	102540
gccagatttt	tattgagagt	tttccgattg	atgttcatca	gggatatgtg	ttcaaaattc	102600
tctttttttg	tctgtgtgtc	gccaggcttt	ggtatcgagg	tgtgtctgtg	tcataataat	102660
gagttagagg	ggattccctc	tttttctatt	gattgggaata	gtttccgccaa	actgacatga	102720
tttttaaaat	tcocctataag	gtcaatgtgc	agattttaag	atccctacac	tcagattgtc	102780
tggggatagg	tcggggggatc	catatgttta	acaagcagcc	tagagtctcc	cgatagcctg	102840
ggcaagcttt	aaaaagccct	gcggacattc	ggatgaaaca	aaggtgcaca	gaacctatat	102900
ctctgccatt	tattagctgg	gggccttagg	caaggaaagt	agtcacactc	ccattctctc	102960
agttccctcaa	ctgtaaaaat	gggatgatga	ctgtggctcc	ctcgtggggt	tgtgaaggag	103020
gaacaggagg	catatgtctc	gggatcagca	ctggcaattt	ggccattctt	accatgagac	103080
ctgcacattt	gtgtgacagg	tggaacacaa	gccctcacac	ctttgaagtg	ggcatagaga	103140
catgatgatga	ttgatgttgt	ggaggcatcc	caactaaaga	ccctctgttt	gggccaaaaa	103200
cacatgttat	tctggtgtgt	ggagtcctct	ggttatgctc	tttttaagat	accggttgtc	103260
ctgcaattgt	gcgttgagaa	tccactctat	ggccaaacata	tcatcaaaag	gtttggtctca	103320
gctagcgtgt	tcocccaaac	caaggacccc	atgaggaaag	gagtgagggt	tcacccccca	103380
gtccagctga	ctggagggggc	tgcccagagt	ccctcagttc	tccgaacttc	agcttttggg	103440
gtaatttcaga	acaaagttcca	ctcctttttc	actatcaaac	tggatatcac	gggggtaaatc	103500
cttgtgtcagt	ttggatctga	tgctcaaggg	gaagccaggg	ttccactcac	tcacatctgag	103560
catgagaagag	gagaagaagt	tgagttaaat	gccagccttt	ggctctgccc	ctcagctgag	103620
ggcgcgccac	actgtcacag	gatgttacac	agggagattg	atgtactcca	aaataaagta	103680
acacatcata	ggctgacctc	gtgtccagta	aggttctggg	acctctcca	aaatgcagtc	103740
gcacccaact	tgctgtgccc	tgagcatcag	agtggggaacc	ctgagactgg	gcttatagtg	103800
gtacagggtg	gcaccaactg	ataaaaagtt	ctgtaggtag	tctaggggaga	cctcacttac	103860
tagaggtgac	attgaacagt	agagggctgc	cttgcagctc	actggaggta	gaaggttata	103920
aggctggcca	gcacagcccca	acctggacat	ccaccattct	gccaaactga	tcagtgtgtg	103980
ccctggaactg	cgtgcattgtc	ctgcatgtgtg	catttgggga	aatgggaacg	ttctctgccc	104040
ttcacaatgt	gacgacacgg	cagcaggtgg	cctgggagag	ggaccacagg	acagatggct	104100
aaaaggcttc	cctctctcac	ctgtggtcca	atagcagctt	tagagattat	tacaaatcaa	104160
acagcttccc	aaaagacaag	ccacggaact	catccagtaa	acatgctcag	actctgacat	104220
ccttgaaagct	tatccctgtc	cattgggcat	ttgtgttttt	gaaaaatggt	tattttgtct	104280
ttttgtttac	tattagtgtg	aacttaaaat	gtgaaaatgt	gacaggtgtt	tgaaaccaag	104340
caactccctc	ttgaataggg	gctgggttaa	ataagggtga	gaacctactgg	gcagcatctc	104400
caggaggtgt	ggcatttctca	gtcacaggat	gagacaggac	attgatgcaa	gtacacgggc	104460
agaaagacct	tgctgataaa	atgggttgtg	gtaaagaagc	oggccaaaaa	ccaaacaaac	104520
taagatgggt	atgaaagtga	cctctgttca	tcctcaccac	tcatttatgt	ctaatattaa	104580
tgcatataga	tgctaaaaag	aactcccaac	agtgccatga	cagttttacaa	atggcatagt	104640
aatgtgcagga	agttaccctca	tatggtctaa	aaaagggagg	aaaccttcag	tcctgggaatt	104700
gccacccctc	ctcctggaaa	actcatgaat	atcccatcca	ttgtttagat	tgatgacacg	104760
aagtgatggt	aagtatgctc	agtcagtagt	cccatgctac	tgccctggct	atggagtagc	104820
ctttctttat	tccttaataaa	cttctgttca	cttctgttca	ttttatggat	taacctgtga	104880
ttctttctct	tgagggtcca	agaactctct	cttggggtct	ggatcaggac	ccctttctgc	104940
taacaaaaac	aaaatgaagt	cctgttagtt	cttttgggga	gggagaatga	ttttgtgttt	105000
gttttaaaaa	cagatttttac	attttagggt	tttagctttt	ctctttatat	ctcattactt	105060
ccttctcttt	aaaattttct	tttgagagga	aagtaaaaata	tcagatgttt	gggtctctaaa	105120
aaagtctctga	gttatttttaa	tatgatcttg	tgctttgact	ttccccaatat	cccaactgtc	105180
acagtgctct	cttggccagc	tagcctctcc	ttaggatcac	aagaagtga	cagggaccgg	105240

10071411.020702

gtatgatcct tctgacagca aaggcatttt gtcaagtgtt ttctgttatg tggcacctta 105300  
 cattttctcac tgttggttta tttagaatat tctacgtcct cagatttttaa gaaaaccttc 105360  
 catttttgtat gtttgtatata atgcgaatga tagtatatata aatgtggagc 105420  
 aagtctcacac atttttttgtt tgtttgtttt ggaatgacac tcaaggcctc tccaatata 105480  
 atctaaatatt gagcattcca gttagcctcac tggtagtaat gatcaattaa ttgactatca 105540  
 tttagtcatat caatttaaat attactgatg attttctcct tgccctggaca gtccaaggcc 105600  
 tctagttaat tttaaagact cagtggagct agatgttttt cagtatgtaa catgatggcc 105660  
 atgcaagggc atctgtgccca gcaaatggcca ttaattgtttt cttaagttaa tagtccaact 105720  
 ggacggatgt ggaatacttc ttacgaacca aaaaagacct ottgccacct gccctgccct 105780  
 ggctcatgga ggggtggcagc accaatgggc agaaaatgcc cacttgtgtg tttagaagat 105840  
 gatggccctca cagccatgtg agacaggaca gcttgcctgc tagttcaacta ctgcgccctc 105900  
 gaacccaata gttttatgtc ctccactag aggtcaactg tggttaaagc acctgagacg 105960  
 gctgacctgc acaggagccg aaggcctgca tggccacaga cattaactgg tggagatgga 106020  
 atcccactcc attgaggaag acccaagtga acacccaggc agaaggaaca aagaagtga 106080  
 aaggcattta atttattgga aaaaaaatga gagagagaga gaaagagaga gagagaaagc 106140  
 aagagagaca gagagacaga gagagagaga gagagaaaga gagagagaga aagcaagaga 106200  
 gagagagaga cagagagaga gagagagaga gagagacaga cagacacaga gatcctaaag 106260  
 ggatgcagtt agtataattg gagtgtaaaa agactttctg taaccacaaa catgtttct 106320  
 gaatgaagac ttcaatagtg aaacagacaaa agagaataat cactgtgaga tggtttgtct 106380  
 cttgtattaa aagaaaagct tttagacaaa taaattttagc ttgttaattg agctaaagac 106440  
 aattcaagaa tagggcgacc cctaaaccag agcaggctcc gagtgtactt gatgctgtct 106500  
 catagtgtga taggatttat gggcagaaaa aggaacctga tgtacagaaa attggaagtga 106560  
 ggtacagaaa cagccagatt ggtgatggct cagcatttgc ctactctgag cccagtttga 106620  
 acagctggcc actgtgagtg gctgaagtct ggccgctgtg attggctgag actgtgttac 106680  
 ttgtctagag agtaggtgac agtctgttta cacactacag atgtgtacag ttcaactatgt 106740  
 acagagaaaac tttaggtctg aattttaaat attgaaggag aaaaagttaa gctaactca 106800  
 ttaaacacta ttggttcaat cgacacactaa ttgtggaga cttactatgt 106860  
 gccaggaagt gctttgtgca aaatagaaga acatgtaacc caataacagc gtgaaactac 106920  
 aaagaaaatgg aagccaattga tgaaactatg agagacataa caaataataa aaattctaa 106980  
 cccctgaact gactgattga cccctccctt gcccaaggcc attccaaagt ctccctgaaa 107040  
 aattagtcca gggccatgata ggaatgggtg gaaataactg cctcatgtta ctctctctct 107100  
 cttggaattc aggcacaact gatcagcatt cacatcaaca cagagatgtt aagccattaa 107160  
 gaacagactc tttaagattg ataagaaaaa tttacaattg attctactgc aagcctgtca 107220  
 cctggaggct ccatgtgcac ttgttttcca tttaagcagtt caacccctta ttttaaccta 107280  
 gacattccaa gcttttagat aataattctt ttaagcagtt gccaactcaga aacctcttga 107340  
 atctgctaat gaccttgaag ctccctctcc ccaagtgtgc caacctttcc aaacccaac 107400  
 cactgtccat cttacatgta ttgactgatg tottatgtct ccttaaaatg cacaagaaga 107460  
 agctgtacc ccaaccactt ggtgtcatgt tctcaggatc tctctgggct ccatcatggg 107520  
 ccactggtca ctcatatttg gctcagaata agtcttttca atattttcag agagtgtgac 107580  
 tcttttcaat aacagacatg aaagccagat acagatgtaa tatgcaagga gtaaaagctc 107640  
 caaaaggaga gagagttaata tttagggaga tgaaaaaaat caaagaaata aagaagaagc 107700  
 tcttttaagc tgaaaaatac ttcaatatct taagtctgtg aaaggaatct aaattttagg 107760  
 accccaagct cattttagcca aagggaatg toaagctggg aactgtgtca tgcaaaacctg 107820  
 cctccctct ttgtgttcca aataagatgg ctatgatgaa agactcatga tctccaacct 107880  
 attttgtcca caaggaaatt cctagtgaac cgttaaaatt taccactggc aatgcaaaat 107940  
 gatagcttat ctttacaagt gcagtcaccc accagataca aatgcatatc tgattgttcc 108000  
 cctgccttac ttctctatg ttctcttatg taataatgcag actccctgca tttttctct 108060  
 gccctatttg ttatgtcat ctatgttaa aaaaaatgca gaattcagta gccagagaaa 108120  
 ggcatgaata actatttttc cctgcctctg ttctacatga taattgtgta ctctccaata 108180  
 tcccgccct ttccctttaa atttggagcc ctcaaaatca ccttcagaga aagggcatat 108240  
 gctgtctccc ccttaacttt cgcaaataaa ttctcaaaaa tgattgagac 108300  
 ttgtctctgc atttttctca atgacaagtc cttagtgggg gggaaaaaaa aagaggaaaa 108360  
 agatacacct aggtatatac tgaataactt ttaaaatgc caagagaga gagaaacaga 108420  
 gagacagaga aggaagaaga tgcagagagt gaacgagaga ggaagaaagt gggggaggga 108480  
 gggagataga aactctagga aaagaaacaa actatcatta gatcttctct ctgtcaactc 108540  
 gaaaattgga agactgaagt gtatacacac tttttttaga tctgcaacta agcctctcat 108600  
 attgtcatca atgaggggcag ggaattttgt ttgaggggat ggttaggggg acagagagac 108660  
 aagcaacagc tcaagatcta cactacacat ggacctctct ggaataatga tcaataaact 108720  
 tcaagtgaa aaaaattaaa ttagaatgaa tcaataaact aacaaaaga tgaagaggat 108780  
 tgcattata aactacagca aataaataa taacaaaaga catggaataa gaaaagaata 108840  
 gttcatcact actaccacta cttgttttgg gaattccaga

105300  
 105360  
 105420  
 105480  
 105540  
 105600  
 105660  
 105720  
 105780  
 105840  
 105900  
 105960  
 106020  
 106080  
 106140  
 106200  
 106260  
 106320  
 106380  
 106440  
 106500  
 106560  
 106620  
 106680  
 106740  
 106800  
 106860  
 106920  
 106980  
 107040  
 107100  
 107160  
 107220  
 107280  
 107340  
 107400  
 107460  
 107520  
 107580  
 107640  
 107700  
 107760  
 107820  
 107880  
 107940  
 108000  
 108060  
 108120  
 108180  
 108240  
 108300  
 108360  
 108420  
 108480  
 108540  
 108600  
 108660  
 108720  
 108780  
 108840  
 108900

tcaagtgtgt agataatgga aagtaagaga caaaattatt aacattttaga taatatgagc 108960  
 acatttaacta accagactca ctaacaacaaa acaagtgtatt agaaccaatg 109020  
 aagaattata cgaaggagacc aacacacagt aaatgttaaga aacaagtata ttacatttat 109080  
 cccagcaata tttttgcaaa cagaaaaata tctactcag aacagcaaat gctaaatgta 109140  
 gagtagctag aaaggtgaag gacctgcatg aagaaaacta gaaattctat ggaagtacgt 109200  
 tgacacagga tctagagagg ttgaaagaca cgctgtgttc ctggatggaa agctgaatc 109260  
 tcaagtaaat gccacacat aacacagtta ttgtgaagttc aaagtaattc tctattgaa 109320  
 aaactttaaga aagaacagtg agatatgtaa cagacactaa catttattag aaagtattga 109380  
 taacaaaaag ctggtgctgt ggtctcgagt agaaaaatag gctaacacat aaagtgcgtt 109440  
 aacagaccoc gagactatgt atacataata caaaactcgc caacacttat ccaagtcttt 109500  
 ctatgtgcct actactattc tctgtgtttt catgtgttaa cctattattc caaaccccta 109560  
 aaaggaagct actgtttatt cctcatttt acagatgagg gaagtgaagg acagacagat 109620  
 taacacactt tcacaggact ggagaaagtg ccagtaagtg tgagttgagc ccagacacctc 109680  
 gaatccagag ctcatgactg ccatcctatg coagcttgta ccgtgggtat catcctccct 109740  
 gtcatccaa gtcaggagaa agacatcatc cctgtcatcc aagtccaggaa cgaatgctac 109800  
 cgggagagtt ccacccaggt atgtatgaaa acacgtggca agagtggggc atggtggcgc 109860  
 acgctgtgta cccagctac ttggggaggt gacgtgggaa gatggattga gcttgggtta 109920  
 gtttgagcag cagtgtaacc atgtatcatg cactgcacct cagctggtaga aacagagcaa 109980  
 gactctgtct caaaaaaaa aaaaaagtta gatgaatgaa agctctaaac tcaaaagggga 110040  
 aattataaaa gtattagaca aaattacggg ggaagtattt gtgttaacat ggaatggaaa 110100  
 ggggttttct agtcaaaagga ggaaccccaa aagttataga tgtaaacat acatagttaa 110160  
 taataataag aactaaatc tctctgtgca aagcaaacag aagcaaaata ataatgtcta 110220  
 tacatatgta acaaacggat actatcctga tatagaaga gctcctttag attaataatt 110280  
 gaaagaaaca ttgggaaaaa aagcttataa ataggcaatg cagtgatgct tattatggtt 110340  
 caggggagtg cagactaata gctctaggga tttttagact gtcaaaaagc actgaacagt 110400  
 gtcatcgggt actgcaaat gatgtgagtg gcaaaagtat cttttcatac acagctgcta 110460  
 gggcccgaaa ttacgataca atttttgtaa aggatttttg ctgttatttc ttaagatgaa 110520  
 aaaaactgta ttgtttccag caatctgagt tctggaagt gatctgccat taattaaagc 110580  
 accagtaact caagatgttt gtacaagggt ggttctggca caatgttttg tactgcaata 110640  
 cccaaaaaaa caaacacat ctacaaatgg gaaatgaact gaacgtcagt gaataagggga 110700  
 atggctaaag aaattatggt gcattccagc aaggccaagaa atagtgaag ttttaagaaag 110760  
 gaaaataata ttgagatacta ttccaacgc aagaatgaaa acatctgaag atcggaagtg 110820  
 ttgatgatg agggaaacag tgaattccag aaacagttac ttgggtgtct actggcagaa 110880  
 tgcctttgga aaacaatcag caatatctag aaagcttaaa aacacgtggt ctgcaacctc 110940  
 gcaactctac ttctgtgaat attccctaca gtaactcttc catgagagca cagagagatg 111000  
 ttgtgagaac ctcactgtcg cttggtttgc aacagataga aattaaagac agcccgctcg 111060  
 cccatcagca ggagagcgga cgagcgcatg ggttattcag atactgatat gccatgaaga 111120  
 agttaactgc atgaaccaca tctatctgtg tcaaccagat cctcttcaat acttatgat 111180  
 gagtgaagaa tgcaggctcac ataattgata gattaaatta tatcgattaa caaacaccta 111240  
 caactttgca ttactgtctg ttgtgtgagt tgcattgtaac acagacagat gtggctcacag 111300  
 ttgggaagca caagctgttg gctatgaact ggggtctgct ctccctctcc ctcgctgctg 111360  
 gagtgtagaa gaggggctcg caagaagcgc cagctttctg acatagtgtg gactattctt 111420  
 agtcatgtct ttacttccaa actctgatct ggaagcctga gaaattctt gagaaagagg 111480  
 aactccaagc ttgtgcagac agtgcaaaag tcaagtgttc ctgaacgtgag ccgaagaggg 111540  
 gttttcgaaga agtcacagtg agtggaaagga ggaagaaaaa aatgattaaa tctaagaaag 111600  
 ggggaagaaa ggcaccaga agcccccctg tgcgaagatta tgataatgtt aagtagctcc 111660  
 cagataaatt ggctagtttg tgttatctta gatgagtaga tagcaaaagt taattagagc 111720  
 cccactaatt cataactaa gtttagttgc ttataacaaa ttaaatgaat tttatggcca 111780  
 ttttatctta accagatttc acaggccaga agtgcctgta gaactggctg caggggcttt 111840  
 gccataggtg tctgaaacgc ggagggaagc caaggaagaa gcatagaaac aacagccctt 111900  
 gttgtggga ggcagagaa aagcacaacg ttgtcactgc accaggtatg gaagtgtgga 111960  
 acactcatcat atggtgctg agctgagagg cttgtgcaca aatactctaa aacaaatcac 112020  
 aatttatata accotttaaca tgacccacag tgcacaggtg cactgtgcca cactgtgct 112080  
 taatgcatg taagttttat ttttgatttt tcaattggga aatagaatat ataaaaatg 112140  
 tatgtatgt tatatatgca cacacacact cacaacatga gaaaaatgta caaacacct 112200  
 gtacgaacac catccaggtta aaaaatcaga acattgtccg taccctcacc ccaaccttcc 112260  
 ccaatcaacc cctcttcgat ccccggtaat gaccatcttc ggcttttaga taatcatttt 112320  
 cttgtattg tttaagtttc cctgtatgaca caactcccta aacaatttca ttccaaagtt 112380  
 atgaatttgc cagcacacgt cctggctctt tctctcaac actcgctcac ttgagtttgt 112440  
 ccatgtttag agcagtttgt tgaattttct tgcagtttag aattttcctt gacaatttgt 112500  
 ctgtcttact gtttgttga cattgagttg ttgccatttt ttggccatca tgagtaatgc 112560

10071411.020702



tgttgtgagt atccaggcgc acatgcacac aaatttggat cccactatag gatttctggg 112620  
 tcatgatatta taatgttagct ttagttttat gacatattgc taaattgttt tccacggagg 112680  
 tcttaccaca tcttctctct cccgggtgga tatgatgttt cccagccctt tgatctctct 112740  
 ttaatactca ggtgttgcca gtgtgttgga tttgttccat ctggggggcat atgtgttgga 112800  
 gttagcagag ttcaactgtga tcttctgatt tcccagagtc ctaatgaagt tgaacacctt 112860  
 ttgtataact gtctgttata ttttgtacag taagtactca aacttctctg ccaatttctca 112920  
 gtgaatgacc tgcctctctt taaagatttg taggtctctc acataactag aataaattctc 112980  
 gtcaatcact coactgactt ccttcaactct cctctggtgt ctttcaatga acagagtgtc 113040  
 cttactctga gggaggccaa cttaccaatc ttttctcttg tgtttaatat gtcttagtgc 113100  
 ttttttgaaa aatcctttta gcttgagacc tgggaagata tccactgtga gttctaaattg 113160  
 cttacagtgt tgcttttaac ttttaagtct aatcaacccc aagctgagtc tcttgaaattg 113220  
 caaaggattt agtctgattt ctctctcttc tcttcaagcc cctcgtgttc tccgtgcccc 113280  
 gtctctgaga tgcattgtcca gtggccagat gccacccatc agcccgagccc tccgtagcag 113340  
 acccagtcac cacatacgtg tggctgtttg ttgtttcttt attctgtttc aaggaaattgt 113400  
 tttgatgaaa agggggatga agctaaagaca gttttgaggt gggggcaattg tgttcttggt 113460  
 gtgggatttc tcccccttg acagcagtggt gtggctgggc atagggggaag aaggagctac 113520  
 aggggttaggt gatgtctgtt caacttagaa aaattaagaa aatgaagat attgtcag 113580  
 tatgtcgagg ttttgatgaa acagggaccc atacatgctt cgtgaaactt ggtttaaactt 113640  
 tttttttttt tttttttttg agcggagttc tgcgtctgtc gcccaggctg gagtgcagtg 113700  
 tggcaatttc ggctcaactg aagctccgct cccaggcttc ccgcctctct cctgctctcag 113760  
 cctcccgagc agtggggaat acagggcgccc gccaccacgc ccgcctaatt ttttgtattt 113820  
 ttttagtagag acggggtttc acctgttgtag ccaggatggt ctgagatccc tgactctggtg 113880  
 atccaccacac accagtcctc caaalggtta aagatttttg agtgaagatt tgtcaaatgta 113940  
 tactaataatc ttttaacttt tggtaatttc atactctggc atctgtccta gggaaaaact 114000  
 taataatgta tacaattttc acatacaagg gtttctact ttcttataag aattacaataa 114060  
 tttagaaact cctcaatgtc cagggaagct ggggttttaa gtgaatgatg aggcatactat 114120  
 ccaatgggat agcatcataga aactgaata atgtttatga tgagatttg aataatggg 114180  
 aaaaattgt ttgtcatcat cctaaaggag agcaaggagg atgcaaaagt gtatatatag 114240  
 cacaaatcca aattttaaaa agtgaataag acaaatgtaa acaaatataa catgaatttt 114300  
 tatgaaaaag ttccataaaa tcataattca tacagaaaa atggattttt ctggctctat 114360  
 attatttttc tttttttact tttttgagtt aaaaaaaaca cccagatata ctacatatc 114420  
 cttgttaagaa gtctcaactat tgagggaatg gtgaaaaagt atcaaatat ttgctcccaa 114480  
 agggccctcc acagcccaagg taacttcaact ttaactctag tccaattctc tcaactttct 114540  
 tcccttgaaa ggaggcacag actcaaatgt ttccaggggc caaagcagga aatgaatatg 114600  
 aagaaaaact tgatatagac aacagacaa gtgtgacttg ggaagcctga agaataatct 114660  
 tgtttactca taagtcaata atgatccatc aaacacttgt agaggctgga tacagcccat 114720  
 cagccaccca tttccagagg agcaactctg atgtgtttat tatcttccaa aaagctttac 114780  
 tgagatacat ttacatacca ttaaaatcac ccttataaaa tatgtcatca aaagatttta 114840  
 atattatttc agagtgtgat gtgtaaacct cattataacc caattctgaa ataactctat 114900  
 cccagagga caccctogaac ccatataact tcaactcttg tttccctctc ccaactctca 114960  
 gtgtcagga ctaactcacc tactaaacct actctgtggg tttgctatct ctggacattt 115020  
 catacagata gaatacacaca atatgggggt tccgttaagt tgagtttcca tttagcatat 115080  
 ttttgaagt catcactggt ttggcatbta tctgtagttc atttcttttc ttttcttttc 115140  
 ttttttgaa atggagctct gctctgtcac ccaggctgga gtgcagtggc gggatctagg 115200  
 ctocagtcaa cctccgctcc cggggttcaa gtgattctcc tgccttagcc tcccaagcac 115260  
 ctgggattac aggcgtgcac caacatgccc ggcataattt tgtatttttc tagcaatggg 115320  
 gtttaccat gttggccagg ttggtctcaa actcctgacc tcaagtgtat tgcctgtctc 115380  
 aactcccaa agtgetagga ttacaggtgt gagcctccgc gcttggeatt catctctttt 115440  
 tggtccaaa aaaaatccca ttgtatggat aaactatatt gcttttatc attctcaagt 115500  
 taatggaaatt taggtgtttt ctactttttg actatttgta acaattgtgc tatataattg 115560  
 tgtgtacaa ttgtttatag acatgtggtt tcaattattc tgggttagag cctaggagta 115620  
 gaattgtctg gcatattgt agctgggttt cagattttga ggaaccacta aactgttttc 115680  
 tgaagtgtg gcatcactct acattccggt agcagcatca ggttccacat ttctccacat 115740  
 cttgcgagc actgtgttaact actctgtctt tttattctaa ccattttagt ggttagaatt 115800  
 gatctgttg gttttgattt gaaattttct gatgatatt aatgttgagc atattttcac 115860  
 gtgcttattg gagattcaca aattttctct ggagaactat ttaattaaat ccttctgttaa 115920  
 tttttaaagc ggtttttttg tacagaaatg tttaaattg agttgtcaga gcttcttata 115980  
 tattctggat caaagtctct tatcagacat atgatttaga tattttctcc attctgtgga 116040  
 ttgtctttc actttattga tgtgtctct tgaagcatag actttttcac ttttaagac 116100  
 atctaaactg tctactttct tttgtgctct gctgctcttg tgccaatatc aagagacttt 116160  
 gccgaaccca agattatgaa gacttacttg tatgttttct tccaagagt ttagtgtgtt 116220

10071411.020702

agcccttact tttagatcta tcatccattt tgaattaatt tttaaaattt tctagcagcg 116280  
 ttttgaatat ataatgcaca tactgtaaaa tttatccatt taaagtgttc aattcaaggga 116340  
 tgttttagtat taattttttac acaatggaca accatcagtt ttacaccccg ttcatcccg 116400  
 gcaaaaggaa cactgtatcc tttagctgtc actcccatga ccactctctc attccctgcc 116460  
 cctaggccaa cagtaaatcta ctttatatct gtacagattt ttcttttcca gaaatttcat 116520  
 ataaaaggaa tcatacaata tatgatcttt tgtgactggg ttctttccact tagcataatg 116580  
 ttttttagat tcatccctgt tgaacaagt gtacgatatt catctctctt tcatgtgtcaa 116640  
 attatataga tatactatat tttatccatt catccattaa tggacgtttg ggttgtgtac 116700  
 accttttgat agttacaggg catgtcgcta taatcatgca tgtacaaagt ttgtgtggg 116760  
 catatgtttc cttcttctgt gggaaatagc ttaagagtgg aaatgtctgg aatttgtaac 116820  
 tctctgttga acagtccagg ggtgtctgag gctagcagac tgtttcccaa gcagctgtgc catttttacat 116880  
 tcccaccagg agtgtatgag ggttctgatt cttccacatc cttgtcaacc cttgttcttg 116940  
 teggattttt ttattctagc catcctagta tcaagtggta tctcattgtg gtgtgtgatt 117000  
 gcatttctta gatgactaat gggctcctgg agaaatatct attcagatcc tcaactcatt 117060  
 ttttcatttt ttaattggac tattgtctct tattgagtgt taagagtctt ttataaatta 117120  
 tggatgggaag gcccttatca gatatacaat ttgtaaatat ttcttcatt ctgtgggttca 117180  
 tcttttccat tctctgtatgg tgtcctttga actataaagg tttgtaaatt ttgtgtatca 117240  
 accttttccac ttatatctat tttcttttgt tctgtgatgt tttcttataa gatgtttata 117300  
 cctttgtccaa atccaaagtc atgaagggtt actcctgtgt tttcttaatt gtgttaatt 117360  
 gttttagctg gttatcttag gtatgtttat gactcaatt gtgttaatt 117420  
 tgtgagctaa tgcattccact tcatctcttt gcattgtggct accagtttt cttaggacca 117480  
 ttgtgtgaaa agactattct ttctctgtta aactgtcttg ctgtctctgt caaaaaattaa 117540  
 ttgtcccaata ggtgaagggc ttattttctg actctcaagt cttcttcaat gatcatata 117600  
 tctatcctta tgcgcgatac acattgtctct gaatactata cgtgtgtagt aatttttgata 117660  
 ttgagaagtg caagctctcc cttcttttgt tctttttatc agatgtttt ttgctattct 117720  
 gggctccctc cttttccata tgaatttgca gaattgacag cttgtcaatt ttggtcaagg 117780  
 aatcagctag aatttttgata agggtttgtgt tgaagctgta catttaatt ttgggtgttg 117840  
 cacttttaac aaaaataagt cctctgatcc atgaacatga aatgtcttcc aacctattta 117900  
 gatctctttt aataatgtta aacaatgttt tgtagtttca ttgatacaagt ctacagatcc 117960  
 ttgtgttaatt ttattctaaa atgttttact tttttgatgc taattgaaat tgaacttttt 118020  
 ctttttcaat ttccacatag ttggtttgta atgtatagaa aaaaacttga ttatcttcta 118080  
 tcttgoaat tgggtgtttt attagtctca ataattcttt ttgtgtact ccttcagatt 118140  
 ttctataat aagatcattg tatttgttaa ttgtgttagt ttacttaot gtactccatt 118200  
 gtgggtgctc ttacttatct ttttatccc taactgagct ttaactcctg ggctagaccc tccagtacaa 118260  
 tgttgaatat aagttagcaa agtgaacatc ttatcctgt ttctggattc agctcttcat 118320  
 cattaagtat aatgttaact gtgaatttct tttttttgt tatgtggggg gacggagctc 118380  
 tgcctgtcac catgtctggg tgcagtggca tgatctcagc tcaactgcaac ctccgctctc 118440  
 tgggttcaag tgattctctc gccctcagct cctgagtgc tgggaactaca ggcgcatgcc 118500  
 accacacaca gctacttttt gtatttttag atagacgggg ttccaactg ttggccaggga 118560  
 tggctccaat cctttgacat cgtgatccac ccgccttggc cctcccaagt gctgggatta 118620  
 caggtgttga cccacacgcc cagcctaat gtgaatttcc aaacctttat caggttgagg 118680  
 acatttttcc caattctcat tttttgagt ttatatcatg aatgggtgtt ggaattttgtc 118740  
 aaatgccttt ttgtatgtc tattgaaatg attatgtact ttgttttgt ttgtattta 118800  
 ctctattgat atgggtgaat caattaaatg atttttgat gttaaaccaa ctttgcattc 118860  
 ctgggctaaa tccacatgt tcatatttgt taatgccttt tatatactc ttgggttagt 118920  
 ttgtagtat ttctgttgaa atgtttatat ctatatgtct aagggatatt ggtttatagt 118980  
 ttctctgtga tgccttttag ttgtgtataa tatgggtatg agacaatgaa ttgggaagtg 119040  
 ttctcttcat ttcttaaaag agtttatgca agatcagtat taattcttta aatgtttgat 119100  
 agaattagcc tctgaaagcta tctgggtctg ggcctctatt tgtgggaatt tttagaatta 119160  
 gtaattcaat ctcttttggt gtgattgttt tattcaagatt aactattctc tcatgagtca 119220  
 tttttggcag ttctgctgtt tctaggaaatt tgcgcatttc atttaacctag ttcttggca 119280  
 tgcattgttt catagtattc ttttttatta attttaatt ctgtattgat ttctccctcat 119340  
 ttatttagtc tcaatttttcc ttttttatcc attttaatt ctgtattgat ttctcttat 119400  
 tgcctcatct aatgttttga atcctctgtt cagttggctg aagagtgtgc aatttttatg 119460  
 ctgatcatgt atcacattta taattgaatt gttataagaa gacataagaa gtaagaggca 119520  
 accctacaaa ttggagaacat taaggtacac tcaagctttt ctgcccatt ttctcatagt 119580  
 ccaatatgtg tgaatccaaat ttattttcat tactctctc tccatctctt gtctggagtt 119640  
 taggtgaagg tgaagtttgg gattgtgtga cccacactgg gagctgtgtc cttgtgtgact 119700  
 tccacagctg gacaggccat acactgtgga aagggtttat ttcataccat cctcttgaga 119760  
 tagaagaaac catggccccc tggccactcg atctgatgc ataaactcac gatattgtt 119820  
 ttgocgtgtt tccagttctt tacgtcggtg ttgcttgaga atgtgaattt ggtcatctcg 119880

10071441.020702  
 202020



acctcccaga tgggggtggg gccaggcaga ggggctctcc acctcccagt aggggtggcc 123600  
 aggcagagagc accctctacc tcccggacgg gccagctggc cgggcccggg gctgaccccc 123660  
 ccaactccct cctcgacagg gcggctggcc gggcgggggg ctgaacccct cccctcccgg 123720  
 accgggcggc tggccggcgg gggggctgac cgcgccccac ctccctcccg gacaggggtg 123780  
 ctgcggggcg gagacgctcc tcacttccca gacggggcgg ctgcggcgcg gaggggctcc 123840  
 tcaattctca gaaggggcgg ctgcggggcg gaggggctcc tcacttctca gatggagggg 123900  
 ctctctcact tccatagagg gcggctcccg ggcggagggt ctccctactt ctccagacag 123960  
 gcggccggggc agaggcgctc ctccactccc agacagggtg gtggggcagt ggtgctcccc 124020  
 acactctcaga tgatggggcg ctgggcagag acgctctcca ctctatccca gacagtgggc 124080  
 ggccaggcaga agagcgtctc cacttctcag acaggatggc ggccggggcg agacgctcct 124140  
 caactttccag actggggcagc caggcagagg ggctccttac atcccagagc atgggtggcc 124200  
 aggcagagagc gctctcactt tcccagacgg ggtgcgcggc ggccagagag tgcaactctg 124260  
 gcactttggg agggcaggcg aggcggctgg gaggcggagg ttgtagccga gccgagatca 124320  
 cgccactgca ccccagcctg ggcaccattg agcactgagt gaatgagact cgttctgcta 124380  
 tcccggcacc tctggggagg cagagctggc ggatcactcg cgtttaggat ctggatatta 124440  
 gctctgtcta caeagtgaat ctccgtcttt accattttat tatgttatat tagttctcgta 124500  
 tgggtggtgc caactgtctc tctcatgcac tcggctatgc tgtagcatga caatccgtca 124560  
 gtgtgtgtgt ttgcactctt gagtgcgctc gacactcagt ctgggtgctc ctatcatat 124620  
 ggagatcagt gctcgtcgtt tcttgttttg gttttgctt tgctctttct gtttatgtta 124680  
 tgcgttaaga tcttgatggt cttgttggtc tctagtgtgt ttttgggtt 124740  
 gtatcttgtt ctgctgtga gtgggttggg cgttgcccg agggcttctt ttgggtctgt 124800  
 ggtgtctctg acgttttgtt gctctnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 124860  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 124920  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 124980  
 tttgagctta ttggacgtta tgttttgtgt attttattt attgggtatg gttagttaga 125040  
 tttggttttg ttaggttttg tatagattat ttttattga ttattgtgat 125100  
 ttttaagtat agatgttgtt tttaacgtga tagatggttg gttatagata tagatgtgag 125160  
 tctggtgctc ggttaggttg ggtgtgcttg gtgtgtctg tctctcgcg cctctctcag 125220  
 cagctgtget cggctcogag accccaaact caacatcacg tccatctcat ttgcgctcac 125280  
 gacacactca tgcctgtcag caagagtgtt tcttctcog agcgctctg tctggcgtcg 125340  
 tggggggggc tggggggggg gggcggggcg gggggagata ggacgtggaa gaggagagat 125400  
 gcgcagaggg agatggcaga gggagagctg aaotctctct ttctctctt attagcttg 125460  
 ctacagctct atcaattttg ttgatctctt caaaaaaoca gctcctggac tcaattgattt 125520  
 tttgaaggga ttttttgttc tctacctctc tctagtctgc tctgtctct tagttctttt aactgtgatg 125580  
 gcctctctgt agcttttgaa tgttgttget ctctctctg ttctcttggt ggcagttagt gctataaatt 125640  
 ttagggtgtc aaacttttagt ctccctctg agagatctcg gtatgttgtg tctttgtct 125700  
 tccctctaca cactgcttta aatgtgtccc ccttcaattt gttatgtacc cagttagtcat 125760  
 cattggtttc aaagaaaaatc tttattttct gtcocatgag ttgagagggt tctttaatct 125820  
 tcagggtcag gttgttcagt gtccatgtag ctgtggtctg agagacagtt tgttatggtt tctgtctctt 125880  
 tgagttctag tttgattgca ttacttccaa ctatgtggtc aattlcagaa taggtgtgat 125940  
 taacattgct aaggagtgtc cattctgttg attttgggtg gagagttctg tagatgtcta 126000  
 cgactgtcga gaagaatgga tctgttggtg gctgagttca atcctggat atcttctgtc 126060  
 tgcgtcccg ttcctgtgga gctgagttca attctggat tctcattat atgtgtggg 126120  
 tcaattgatc tctctaattgt tttttaaaga cttctgtaat aaattgggt gctcctgat 126180  
 agtctagctc tcttttgagg atagttagct ctctctgttg aattgtatcc tttaacatta 126240  
 tgggtgcata taacttttccg cttttgtatc ttgttggttt aaagtctgtt tctagaga 126300  
 tghtaatggc tcttttgtct tttgttttcc atttgcttg tagatcttcc tccaatccct 126360  
 ctaggattgc aacccctgcc ctctatgtgt ttctcgcaca tgagatgggt ttctgaata cagcaacatg 126420  
 tttattttag ctatgtgtg caatttgoca gctctgtct ttttaattga gcaattagcc 126480  
 atgggtctag actctttatc tatgtgtaat atgtttatgt gtgaatttga tctgtctgtt 126540  
 catttcaatt tctgttaatt ttgatgcagt ttgatgcagt cactgtctgt tcttctctgt 126600  
 atggttattt ttgcacttag ttgcatgggt tggtaaccgt tgttcaattc catgtttagt gcttctctca 126660  
 tggcatgttt ttgcatgggt ctggtgggta ctctatgaag ttggcttctc cagcaattgc 126720  
 ggaattcttt ttctctctca atgttgaata ttggccccc gctctctcg gctgtaggg 126780  
 agaatattat tctcttaaga tttcttcoga tttcttcoga tttcttcoga tttcttcoga 126840  
 gaaatattat tctcttaaga tttcttcoga tttcttcoga tttcttcoga tttcttcoga 126900  
 tttcttcoga tttcttcoga tttcttcoga tttcttcoga tttcttcoga tttcttcoga 126960  
 tttcttcoga tttcttcoga tttcttcoga tttcttcoga tttcttcoga tttcttcoga 127020  
 tttcttcoga tttcttcoga tttcttcoga tttcttcoga tttcttcoga tttcttcoga 127080  
 tttcttcoga tttcttcoga tttcttcoga tttcttcoga tttcttcoga tttcttcoga 127140  
 tttcttcoga tttcttcoga tttcttcoga tttcttcoga tttcttcoga tttcttcoga 127200

10071411.020702

tttctctaaa cttatctctt cgtctcattt cattcatttg atcttcagtc actgataccc 127260  
 tttctctacag ttgatcgcaat cggctactga agcttggtga ttgcgcacat agttctcgtg 127320  
 cactgttttt cagctccatc aggtcattta aggcattctc tacatttggtt attctagtta 127380  
 gccattctgc taatcttttt tcaaggtttt tagctttttt tgcgatgggtt tccaactctcc 127440  
 ttcttttagct gggagaagtt tgatcatctg aagcctcttt ctctcaactc gtcaaaagta 127500  
 ttctccatcc agctttgttc caccactcgc gaggagctgc ctctcccttg aaggggagag 127560  
 gcactctgat ttgtagaagt ttacgtcttt ctgctctggt ttcccccatt ttgtgtggtt 127620  
 fatttaccct ttgtctttga tgatgggtgac gtacagatgg ggttttggtg gtgtggtgtg 127680  
 cctttctgtt ttgtagtttt cctttotaaca gtcaggaccc tcagctcgag ttgtgtgtgt 127740  
 gtttgctaga ggtccaactcc agaaccctgt ttgcccagta tcagcagcag aggtctgcaga 127800  
 acagcgtaata ttgtcgcaac gcaaatgttg ctgctctgatt gctctctctg aagctgtgtc 127860  
 tcagaggtgt acctgggaact gtgggtgtgc agtctgcccc taactggagg ttgctcccag 127920  
 ttaggctact ctgggggtcag ggagccactt gaggggggcag tctgtccctt ctccagatctc 127980  
 aaattccatg ttgggtgaac cactagtcaac ttcaaaagctg tcagacaggg acattttaagt 128040  
 ctgcagaggt ttctgctgcc ttgtgtcggt ctatgacctg ccccagaggg tggagtctac 128100  
 agagggctggc aggcctctctg agctgcgatg ggctccaccc agttcgagct tgctggcaat 128160  
 gagcaagctg ctgtgggcat ggagccctcc gagccagaca tgggataata ttctcctgta 128220  
 tgctgttttg taagactgtt agtattaggg tgggagtgag ccaattttcc 128280  
 agttgctgtc cgtcaccaact tcccttggtt aggaaaagga attcctgac tccttgactc 128340  
 tccaggta ga ggtgactgct acactcaatg ggctgcccc actgttctg cccactgtgc 128400  
 caacaatccc cagtgcagat aaccagctgc ctacgttggg aatgcagaaa tccaccatct 128460  
 tctgcattgc tcatgttggg agctgttagc ttgagctgtt cctattggcc catcttgaaa 128520  
 ccagctgtga ttagtgaatt ttcaacataa aactcaactc ctgtgtctct agccaactac 128580  
 tttaaaaaag ccaaatccag ttctctatcc tcttgccac tcaactcaga agccttgggg 128640  
 cccctgcttt tcaagtctta tgagatcatg ttcatagca agacagaggg ttgttctca 128700  
 ctgggcttgg caggccagact acatgcctaa ctctggcctg cgtgtgcatt tccaacttag 128760  
 ctctaaactc tccactcagc cctcaagagc tctcaaggga gctcagggtc cctggtgcag 128820  
 agctgccttt ttgtccagg agaaaggcat ttctggccct ttggtgggta tctttaaact 128880  
 actgcagaata agtttaactc tcttctctga aattcttata ctgcagaaaa acggggattc 128940  
 tctctgggtt ttagtgttgc ctgtgagagc agcagttctc acagctctta ttgtttctaa 129000  
 accattctaa tggttctagg agaaatgtgt gacgatgaca caaccgggtt tctgtctgtg 129060  
 ctacacaga ttgattgaaa tgagctccat tctaaaaag tgacgtgtcc tagatggctt 129120  
 tataagagc acatgtgctt ggacttgggc tctgtcactg aagctgtgtg accaagagtt 129180  
 gccctgaccc cctcacatgt aaaaatggga tgataatgcc taacttctccg ggtcatggtg 129240  
 tgcatttggg gagagaatgc aggaagccc tccacacggc gcttggaacg cagttaaagtc 129300  
 caatggatgg aaacatgat atgcctatag atgcctatg tcatcactgg ctgaggggtt 129360  
 ctgctctccc ctctaaagct agctctgaga gcatctatc tctcagcctg tctgtgtgcc 129420  
 gtctctcact gcaggagtgt caggtagcta caggtagcta agggcggggc tgcttctcag 129480  
 agcctttaga gcagatgagg tcatatcatg accactcttt aaactattgc ttaaggccaa 129540  
 gcoctgtgaac gcagcccata gagctgtgaa taggggggag ccagatctcc tgaaaacagg 129600  
 tccctgaata ttctctctag ctctcgtggt aaagcattgt gttttaaaac ttaactttca 129660  
 acacagatta gttatttttt gtaaaatata ataaaaatta attactgaaa aatgaaaatt 129720  
 ttaaaaaacc aaagatatct aaaaatccaa tctttttttt tcttattagg tgcgaaaagt 129780  
 acaaaatgtt tctgttaagt tgctataaaa gtttctaaaa cccctctctc gagtcttctg 129840  
 attttatttt gtattttatt tatttttttt ttttttgaaga gacaggggtc cctctgtctt 129900  
 cccagcctga agtgcagttg catgatcata gctccctgca gccttgaaact tcaggactca 129960  
 agtgattccc caacctcagc ctccctaagta gttgggacta tagggcaaca ccaccacac 130020  
 tgggtatttt tttttttttt tttagacag agtcttgctc ttgttgcccg gctgggggac 130080  
 agtggatga tctcagctca ctgcaagctc cacttcccag gttcacgca gttcctgccc 130140  
 tcagctctcc aagtactgtg gactacagtt gccaccacac acatccagct aattttttgt 130200  
 atttttagta gagacggggt ttactgtgt tagccaagat ttgctcgatc tctcagactt 130260  
 gtgatccccc gcctcgggcc cctagatcat ttcaatttt ttgtgtagag atggggtctc 130320  
 tctacattgc ccagctctgt gacaaaaatc tagactcaaa caactctccc gcttagtcca 130380  
 cccaaggtgc tgggaactata ggcttcaacc tctgtactga tctaattgca gacctggagc 130440  
 cagttagttc tcagatgaca ctcaaggccac attctgagct gtccaccgca cagcacttcc 130500  
 aggctgagac atctctatcc ttgagctgtg aactggggtc caaaaaggaa tattaacggg 130560  
 atacctctgc atctcccctt ggggatgtaa agccaagcag gaggggaggg ttgagggcac 130620  
 agaaggcagc ctgagttata atgttgacaa taactgttaa cattggctat gggggtaatt 130680  
 ctgaggcag tcaacattca tcatctctta tctaccttaa ggaaccagct aatctctgtg 130740  
 gcaacctgac tctgaggagc tggatctctt cagtttcaact ggtatgaata agtcagtaca 130800  
 tggcgaattg caacatgcca agtttcaaaa agagaatagt tctgtctccc ctggctccga 130860

10071441.020702  
 20071441.020702

aggtgtttga agaatttacc caatggctga tgaagttctg ggagcacagc aggatgagaa 130920  
 agcctggaact gacggcgagaa gacgtcagca gggcaggttc caaggactga cacaggtgctt 130980  
 aaatgagact gtccctctac acagatgctc tggatctgtg gggccacagt aatggccctc 131040  
 tgacattcat gttcacccaa ggtgtagtga tgaatatata gatttaaggg gtgatcatat 131100  
 ggtgagttaat tgaatcaact gtaggctggc cccctcatt tccaggttgt tcaagggtatt 131160  
 ggtgtgtttg ccatgtgtgt gattaataat tggccacagc tggacatggt agctcatgac 131220  
 tgtataccca gcaactttgg aggccgagcc ggttggatca cctgaggtca ggaagttccag 131280  
 actagcctgg ccaacatggc aaaacccttt ctctagtaaa aatacaaaaa tttagccaggc 131340  
 ttggtggcta cctggagcct gtaaaccaag ctccctagga ggctgaggcc ggagatcgc 131400  
 ttgaacctgg gaggcgaggg ttgcagtggg ctgagatcgt gccactggcc tccagcttgg 131460  
 gcaatagagt gaggactctgt ccccaaaaaa taataataat aataataata gggccacaaat 131520  
 cttttgacat tctctccatt gagagatggg ggggtctgca tccccaacct caccgccgga 131580  
 gtctgggtgg gctctgtgac tgcttggacc agtagaatat gatggaagt tttagaatact 131640  
 agtttccagg cccaagcctg aagagattgg catgtaagaa atgcaggcac ccaggagaca ccattctgtg 131700  
 tgctcttggg agccagccat ctccatatgg acagagaggg caaggagcct agaggtgcca 131760  
 agaagcctta aagaatgaga ctccatatgg ccagcccccct tcaagctgat ctacatggcc acagatgaac 131820  
 gacacatgac agaagaaggc ccagcccccct cagctgatg ctacatggcc acagatgaac 131880  
 tgcccagtgga agccttttct aaattctctg cctgcaagag agtagcaaaa atataaaggc 131940  
 tgtttaaagt tacaaggagg ttgtgtttta cagcagtaga gagaatggaa cttgctggac 132000  
 agttctctca tgcctacccc ccaacctgtg ctgtccctga aagtgttgg agtgaatgc 132060  
 ctcaatgggt ttccaactgg gaaactctgac cagaaaaggag ggaatgtgta gaggaaggag 132120  
 agggccaact cccccagaa cctttctact gaggggccga gctcctccaa ggggtgctgc 132180  
 tccagatac ttctcgatla ctcccacaac ctcccccctc cctccgactt aggaactagt 132240  
 gtgctgatgg ccccgccact tgcattgttc cctctgcacat gggccacacat ctttgttgat 132300  
 cccctttgtt aaacctctcat cctagtgtac catctgtttt ttgccaaagt gatcggaagg 132360  
 gtctgcagga agaagggttt cataaccagag accttgggta gatgtgcagg agggagtgtt 132420  
 gtagcgagca ttttttaact accagaaaaa gagaagtggc ctgtccacaa ccttccacat 132480  
 tctgttgacc accagataat atgaactttg tgattttttt tccgtgctatt aggtaggggg 132540  
 ccaaaaaact tottaatact atgttcagaa aatttggttt aatttggttt ctttaagtcac 132600  
 attccacatc agaaacagat gggatgtggc ttgttagctta agaacagcag gtacagaata 132660  
 accttttctc cctttgtctc agtttttcta gctataaaat gggggttaaca gctcatctct 132720  
 cctacacctc ccacccaact tctgtaagaa cacactagct accagaaact tggccaaggag 132780  
 aaagagtttg acgctgtcat ggcagaagca gtggctttct ctatatacgg ttgctgctgc 132840  
 gcccttgaag gcttatcttt ccagggttaa actgagagca agctgaaggg ttatgactgc 132900  
 aagtgaagta ggtattttgc aggcacacta ggagctggg tatgcaagg ttgtcattca 132960  
 gggagcctga gctgaccttg acgctctcgt ccygtctctga tgctctgtac caggctcagct 133020  
 gtgtgtccct aacaaagaaat ggcctctcaa ctggggctgt cacactgtgg catcttagta 133080  
 aggggaacag atttgagttt ctctcttctt tcagcgaaaag gtgagacttc ggggtgaaga 133140  
 actggttaact gtgatttgca ggcctgtcca ttggctctca gagctggcac ttgggggtgt 133200  
 cctgtgccac ccttcccttc cctaggccca catggggcac cctgagcttg cctgagccct 133260  
 actgtgatct caccgagggc aggcctatgaa ctagaagaat atgccacacc cctggaacta 133320  
 gagaagctgc cctccagggg catgtcccat aggtatctgc ctgtatggac cctagtatacc 133380  
 cactgacaaa ttgtcagggca caaccctccc ctgtagaact gttagcgaga gttagagcat 133440  
 gacgacagtg aggcctgggg ccaccgcgtc caccctcagg ggccttgaag aatcccaagg 133500  
 aaagtcatgc cctctcagg gtgtgtcagg ccacagggcag agccctccca cttcccgccc 133560  
 ctgcacagca gtgtcatctc tctatgact acaggtcttt gaggacagga gaaactttcg 133620  
 gttcttggga agcccgcggt agaaaggggc tgagctgctc acccgctgac tccctcagga 133680  
 caacctgac atccgcggtg atccagcggt agcaggggaa ctgagttag ttcccggtgg 133740  
 gcgtcttcag cgtgatgtac ttccaggtacc agtgcattt cagccagtac ttgcgcttct 133800  
 cgattctgac agctgtgata tgcctgtccc cctcgtccac atgacagctg tatgaatcca 133860  
 cctgggaagg agaacaggca atcagcccat gctgtgtctc ctgagccttt gctgtggag 133920  
 tgttaagaat ttgtcacccc aaggtatgct gctgtggcac agggactacg ttgaatgaaa 133980  
 agcacttaaa aaaaacagac gtgcaagata ctctgacatt cctgacattt cttagaagca 134040  
 ggaatgagaa gctcccatat aaagtatgcc tcaactatacc aaaaagtaag taacactctt 134100  
 ttcatatccc ttgggaagtt gaagccaaag gaaatccata caaacagagc ttgtacaagt 134160  
 aacgcttacc tcccagctca ctccctgcc cagttaacct ccttagccca agccctctgg 134220  
 ccttatcccc tctcacagtg attcattcaa tgcagtatct aagggggatt gactctaaat 134280  
 gctcttggga gctctcatct ttttaaggag gctccatgag caggtacaac ttgtattaaa 134340  
 gaaactctga gcttctgcgc catgaaactg tcttatgcg attctcagac ctatagtgaaa 134400  
 tgggaaggag tggagtgttg cctccactac agttcatgga gccaaagatt ttcatgaaca 134460  
 ccttaaatga actcctgaat tcatttacc aaagacatt caagaagcct gccctcgaca 134520

10071411.020702

aggcctcagt ctacgaccca ggcaggtgaa agaaatggac aaatcctggy cccctgccett 134580  
 gaggagagag aatccagatga gccaggtatg tgctgtgctg ctccagagggc aacgctctgct 134640  
 agctgcactt agctcaggct ggaggtatggg gagatgccca ggctcatggc tgcacctggc 134700  
 aggcctgtgcc cagtgagggt ccgcagctgc cccccacatgg gatagccttg tgggagacct 134760  
 ttacaactat agatgggctt gctgacagtg gatccccaca atgactctgg gactgcaagg 134820  
 gagtataccac cctctccaca gatgaagaca ggcaggtcca gtgactccca cctctgccac 134880  
 ttgccaagca agctggagtc acaccccagg tctttccatc atagocactt cctctctttc 134940  
 cagttttcag tggggataat aagtgtgtga aaatgtgtgag gcttagatag cagggagcttg 135000  
 catggatgac agtcgtctgt ggaactttgc agttcacagg tgcatgtgtga tggccagaga 135060  
 acagltgagac cagtcagctc tgctgcacct tgggcattac gtgtcacagg cagctgccca ggctctggg 135120  
 ccttgagact agaaggcacc accccaggct gtgtcacagg cagctgccca ggctctggg 135180  
 acaaggctgc ttggccctct cctgcacagg ctctctgttc caggacacag ggcgtctgca 135240  
 ggcaacagcc atagctcttg gagggtcttt gtctctgcag caatggatgg cagacaggaa 135300  
 gttgggatga gaggctcagg cattgcata cgactctga tgaccagcag gtttggaagg 135360  
 ccccgagctc gatgccctcc aaggcatgtt ctttttatt ttgaggtgga gtctcactgt 135420  
 gttgctcagg ctggagtcca gtggctcgat ctggctcac tgcaacctcc acttccaggg 135480  
 ttcaagtgat tctctctgct cagctcccca agtagctggg actacagcca cctgccacca 135540  
 catctgtgta atctttgtat ttccagtga gcagggttt caccatgtg gactggagg 135600  
 tctcaaaact ctgactccaa gtgatccacc tgctctggtc tcccaaatg ctgggattac 135660  
 aggcctgagc cactgtcgtg gcccctgca aggcacttcc taagccagat tcatcaaccc 135720  
 ttgaacttta tccctggcgg cagaacctag agttctcagc atgatggcaa agtggaagg 135780  
 ggcaggggta tcatctcttg tgccagcgca ggcactccca ttcactggcc tgctctccag 135840  
 ctgcaggagg gacccctgga ggccttctca agaggaatgg gaactgtagt gttttccaca 135900  
 aacctctctg cctgtaatcc cgtgagcagt ttggggtggc tgacgtctgag gccagacgtc 135960  
 gttgtgcaga atacgggagc tgctctcctg tgctctgtag tgcctgtag gacccctagg 136020  
 aacagtttct gatgacagag gaccagggcc catgtggtgg catgtacatg ctctgggtcca 136080  
 gccacatgtg gacgagctcc ggccccacga caatgcccc gatgtctcagc gactatcagc 136140  
 tctatctgcc acctctgaga aagccttctc gccacagctt gtctccagga gagcagggcc 136200  
 acacaacagg cctctgccat catggacagg gtggcgaggt tctgtagtgc caggagtctc 136260  
 agcatctcag gggctcgggc ccatctggag gagcagagtg ggggtgagt ggcccaggac 136320  
 tggatacagg tctggccctgc cccacgccag gcccctgcat ttacagaggc 136380  
 cttagctgca gtttgtgagc caagacagag attcctgac ccacotctga ttggggagag 136440  
 ggcatagagg gttagaaggc tctggtggcc ctggggtctg gacgtctgaa ttcaactccc 136500  
 agcttcaggc aagttagctg atggcctggg ccaattgctt caattctcga agctgtttct 136560  
 tcatctccac aaaggagata cccctcaett gcaggacct tgagaaaaatg aaatgacacc 136620  
 atctgggtg gccctcttcc tccagaggca caggccaccg gttgtgtgca ttagaacacc 136680  
 cagtgccctc tctgtaatcc agggggttgc agggcacacc gccctgtgagc 136740  
 tagcatggc cctgtgtcca cggccaattc gtgccaatcc gactaacctg 136800  
 agcacacatg ggaggaggaa actgaacctc gagacaggc tctcttcaat caaagccca 136860  
 aaggaactcc tgaaggctg gagacaggc tctgtgtcgg tgaggagctg gggagggcct 136920  
 ctgaatgctg gtggggcagg tgagtgtggc tgctgcagg gaagtgtgct tccatgtctg 137040  
 ccagaggccc gggccgtgtc ggaagtgtcc ccaggggata gatcacagga aagctgggg 137100  
 ctgaggggct ggagtaggag ggaactctcc atggggagga ggcctggact acttggact 137160  
 ggggtgggag gactaacag ggacactctc ttccaggact gggcaggctc ccacaggagg 137220  
 aagagggtag ggagatgggc tgacgaccca cagcaagaga ctgagcagct tctctgagg 137280  
 gccgatgtg taccctgggg tccagacacac ctgtgtgtga gtccacaggg actgggacac 137340  
 agtgagagct ggggtgaccc tacactgtga ggaactggg ggagagcccc tgaattccac 137400  
 tctgtccccc cctgcctacc agatttcaa ggcactccatc tgccatctga cagggacttc 137460  
 ttgggtgtaa atcaactagg cctgcagctc ggctgtgtca tggccagccc agccacttcc 137520  
 ccagcagga gctcaaggct gaatatgata agaggtgaac aaggggcaga ggcctcagc 137580  
 ctgaccccaa ctcagggagt aaaagacaaa gcttgatggc tgtgtgtcta acatccagg 137640  
 ggcactaat ggaagaatga cagataaagg cctctctcca ggaaaaatcc tgcactacat 137700  
 gtgtcaaaact gcaaaatacc ttccgaaagt tttgtggaact tctatttgca cctctctccc 137760  
 tctctctggt cccaagtaca ctgggtgatg gctatattg tgtagacatt gtgacacatt 137820  
 aaattctcag gtgacacact ggaattatgt gggcactatc aacagtgagc accccccaac 137880  
 aggcctcag gaagcaactg gctgggaatg gcccagcaga gtgattatcc tgccttaccg 137940  
 atagaaaact aggctcagag aagcaattgt gcctcaagat cagaacctac aagctgtgta 138000  
 ggaacaccc caggttctcc ccaagttcc ocaagttcc atcttgagaa accocctgaa 138060  
 ccggaagcta gaaggccag ctttgagccc tggttgttac cctggatgga gtgtaaagg 138120  
 gcaatgtgga gtggcatgga aggcaggga aaagcttcat aagagggtat ttcaggcagc 138180

10071411.020702

ttttaggggc tgatcagatt tcagagggga gatgagtagg aggatgggca tgggtagcac 138240  
 atttcagatg tggggaaactg gaggggcagg gtccccgggg gattcacacg tgggaggagg 138300  
 aagcttggac acagtttctg gggacagaag tgggtggcgt ggtgtgacag atgctggaga 138360  
 gaaacaaggg aaacctgcga ctccaccggc tcatttcaca agggggccact ttgctgattt 138420  
 tgcttggttg ttttaacttt ttattggata tgtagtttta aagcttttga atatttcggc 138480  
 aaagagtgta ttggttcagtt ttcatgtgag ctttctatca gcatttttag aaagttttca 138540  
 tctgtctttc atcagatctc tgcgtgtgct gggacaggga gacggatctc tctcgggaa 138600  
 caaaggatgtg tgcgccaccc ccagactacc catcttggag ggggactaat gaggggctgt 138660  
 gggagagaga agctgtagag cagagaggaa gattgggggc cagacaaaac agaatctcgg 138720  
 gatgagagag ggggaggcta tggggaagag ctgaggaaaa caagggacgg agagagggat 138780  
 tggggttagtg gtaggggaga ccaaggggca gagaaggggg aaaaattggyg acgtagagcc 138840  
 gagagtagtg gaagcagaga aggggctcct gagaggtggc tggaaagcag atgttagag 138900  
 aaaattcaga gcaaaaaaga agggagagtt gtagggtaga gaggcagaac ggggggcat 138960  
 tagggaaact ggagcagggg aaggaagagg aggcagaaga gggggcagaa tgtagggaaa 139020  
 agatggctca gagggggaga ctgggagatg agagacggat tgagggctcat accaaaagaa 139080  
 tattttatgt ccactaatat attcccatc acagaagga ggtattctag aatttaattt 139140  
 tctgtaagt aagaatactc actgacttaa gaagcatgaa tcattataac actttttctac 139200  
 acttggtgaa catattcgaag tatcatatat taacaccac gctattcccc ttaggtttct 139260  
 taaaagttcc agcacagaaat gaaatggggc aactaagatt tctcagaatt cttcagatct 139320  
 gttacagtac tgcattccga tctgaattac tttaatttaa cagagttaaa gataaatac 139380  
 aacttgttaa atttgcctag acttgggtta gctctggaa acagggccat tctgtgtag 139440  
 atcccgctgt ttccagcagg acagtggaga gccaaaggag ccacaacctg ttaattgata 139500  
 atccaccctg cgaaggactt gattcccgat gattccactt atcaaggaaa aaactcagtc tgactctgat 139560  
 gagaataaca atggagcctgt gactcacttt atcaaggaaa aaactcagtc tgactctgat 139620  
 ttgactgaac tatggccttg aggggggggg tgttgacctg caataaactt ggttaattgat 139680  
 aatttgtgtg gaaatacttt tatgtttatt gttactgtta ctactgttaa caatacagat 139740  
 ttttaacctt ttccctgtaa aatgggataa cttgtgtctt cagcagaagg tctctcttag 139800  
 gggttctctt ttactcttac ccaaaaagga tgattgtctt tacagatacc aagctgggag 139860  
 aatgaggaag tagtgtctgg ctgggcaaga gaaagtgttg agtaacttg ctcaaacagg 139920  
 aactttctca aaagctgatt ttttcaagga aactttcagc cttagctggt tccccacctt 139980  
 cgggtagccc ccacccocaa ccacccccc ccacccccc ctctatagc cctctcaacc 140040  
 caatgaaat gtgacatgca aatctctctt gaaatttgcc cctgggatto cggctgaggt 140100  
 gtttaaat atgtctattt gaatgacttc tcagggtagg gaaagacaga ccagagagag 140160  
 gagatagtg accaaaacgt gcttctactc ttgttccgaa gagcccgata tggccacgtt 140220  
 atcatgtccc ctccaggagg aaagcacaca cggggtgccc gtgctgtgca tgttagcac 140280  
 accaatggcc tgtgcttcta gaaacttatg atgtgtggag ggaatgggg agggagaa 140340  
 acttacaag gggagtagc ctgtaccctg tocttctccc ccaggtgtgg ggaattcatg 140400  
 aaataatgga agttaaagaa ggtgcgtcag aaatggcaga ggtgcccata acctaaatg 140460  
 gacgacacat taactccagg ccaccccgat cctcagggtc agttccccga ctggggcaac 140520  
 taagcaactg aaggttgtct ttgtactcaa cactaaactc ttcttgaag gagctcaagc 140580  
 caggatgcta tgtgaacttg ctgagggcca tgtctgtcta cagcgagggt atgggctctt 140640  
 ctgagtagaa cgaagccatg gagagcttgg aatccagaaa aagagtagtt ttacttact 140700  
 ttaggctctg caccactaaa acacaiaatt tatccaaag tatccagttg aaacatgaac 140760  
 ttgcccgttg catcttgcca ttatgagcaa ttccaaagg tttgatacaa taataaacta 140820  
 aaggtggaga aggcagctgt gttaaagtcta aatcttttt gtccagttag gagctgggg 140880  
 aaatgtgaga ggaactgata ttccctgcgc acctgcagta tgtctgggag ttattaccag 140940  
 cttagcaga gcgcttctcc actggaagtt actgatttag gcacttcat aaagctcag 141000  
 tggaaactgc gacctggcca tgcctatgga aaagagtcgt aaagagtcgt tctcagttca 141060  
 gatcagcatt aggaactagc ttccaaatgc tgagggtctc ctccgctctc caacactagc 141120  
 tgggaagtgt tctctggtgt acattctgct gggaggagggt cgagccctcc acttaggaa 141180  
 aagcctctcc tggcctgggt tctgttctct cctttaaatt toctctgagg cattgtcga 141240  
 gaatgtgaag tgcgccaggt ccgctgcagc caccagatgg gctctgggct accocatgact 141300  
 catggacacg actgaagcca accctccatt ttcaagtgg ttcaagtctg gaaactgagc ccagacagac 141360  
 cggtagtagt agctgggtgt catgtctgga cagaactcag gctcttgagc ccgctgagct 141420  
 gcaccccttc caacggctca cagctggctg ctccgaggtg actcagagt tctgtgagca 141480  
 tgactcatct gcctctccct cctgtgcga cctgcagaag gacctaagg aagaggtggc 141540  
 acaaaaacg cggcccgagt aagggggctc cggagcctcg gaggccagat ctgaaagtgg 141600  
 aggggaaacg ttgggctctc tctctccagg gaagacgctc tgcagcgccg acggcggaag 141660  
 tctcgttttc ctgaggggtt cggggccgct cggaggggtc ctggaagctt gcccacagg 141720  
 gtaccacacg gccactggga gccacgggca cggcccccgc cagttctgcc ctccctgaca 141780  
 gggctctgga caccocagtt cctgtccggc ccgccccgac gggccctcgg cgccccgc 141840

10071411.020702



caggcctctg ccgtccaaac cgggtcccg cgcacacctc gcccgcgctc cacccggtcc 141900  
 ccgcgcgcgc tcacgcgcgc acgctcgaag tcggtttaga agggctctgtc cagcaggtgc 141960  
 tctctgcgtc agccgcgcga ctgagtaga tgtagtcttc agtgtcttca 142020  
 ccacgggggtc aagtacggtc cccccccccn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 142080  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 142140  
 ntnttttgggt ttgttttgtc tcttttgggt tgcgagcggt ccttcgcgcc cgtggtgaag 142200  
 caaagtgcgc gccctcgcct gcccatccca tctgggaggt gaggagtcgc tctgcgcgcg 142260  
 caccocgctc gggaagtgc gagogtgtct acccagccac cagctctggg aggtgaggag 142320  
 cgtcttctgc tggcgcgcgc atctgggaag tgaggagcgc ctctatctgg ccaccccttc 142380  
 tgggaagtga ggaagtgcctc tgccgcgcgc ccaccccgcc tgaggagcgc cagcagcttc 142440  
 tgcccgccca ccacccctc tgagaggcaa ggcaccctc tgccctggcc ccactctgtc 142500  
 tgggagtgca ggaacacctc tgcgccagcg ccgcgccacc taggaagtga gaggcgtctc 142560  
 tggccagcgc cccacacctg gaggcgagga gcgcctctgc ctggccgcgc catctgggag 142620  
 gtgaggagcg cctctgccta gccaccacct catctgggaa gtgaggagcg tctctggcag 142680  
 gccgcgccgt ctgggaagtgc taccacaag ctccgaagag acagcgacca ttgagaacgg 142740  
 gccatgatga cgtatggcgt ttgtcaaaa agaaaaaggg gaattgtggg gaaaaggaggt 142800  
 agagatcaga ttgttaactgt ctctgtgtag aaagaagggt acataggaga caccattttg 142860  
 tcttgtatac agaaaaattc tctgcctgt ggtgctgtt aatgtcaaac tctcccccca 142920  
 acccgcgtct cgtctgaaca tgtgctgtgt caactcaggg ttaaaaggat taagggtggt 142980  
 gcaagatgtg ctttgttaaa cagatgctgt aaggcagcac gctcataagc tctcataacc 143040  
 actccctaag cttagatacc caggggacaca aaactgctg agggctgcag ggacctctgc 143100  
 ctaggaaaaa cagagacctt tttctacctg ttatctctgt gacctctctc ccaactattt 143160  
 actatgactc tgcgcacctc cctctctgga gaacacccca agaatctctc ataatactta 143220  
 aaaaaacaaa ttaatttaatt aataaaatt catatggaac caaaaaggag cctgcaattgc 143280  
 caaagtctca ttaagccaaa ggaacaaagc tggaggcalt acactcaactc 143340  
 atactacaag ctacacagta ccaaaacagc acggtactgg taccaaaaca gaggataga 143400  
 ccaatgcaga agaacacagc ctctagtaat aatgccacat atgtcaactt 143460  
 tgaacaaact gcaaaaaaca agaaatgggg aaaggattcc ctatttcaata aatgggttgt 143520  
 ggaacaaactg ctacgcaata aatgggttag ggaaaaactg ctacgcatac tagagaagct 143580  
 gaaactggat cccttctcta catcttatac aaaaattaat tcaagtatga ttaaaagact 143640  
 caatgttaga ccttaaaacca taaaaacccc agaaagaaac gcaatggcaa ccaatcagga 143700  
 catagcgatg gccaaagact tcatgcctaa aacacccaaa gcaatggcaa tgaagcgcaa 143760  
 aattgacaaa tgggactctaa ttaacttaaa gagctctcgc acagcagaaa aaactaccat 143820  
 cagagtgaac aggaacacca cagaatggga gaaaattttt gcaattctact catctgacaa 143880  
 agggcttaata tcagactctc acaatgaact caaacaaaatt tacaagaaaa aaacaaaaca 143940  
 cccactcaaa atgtgggcca aggaaaagaa cagacacttc ccaaaaagag cgttttatgc 144000  
 agccaaaaga cacatgaaaa aatgtctatc atcaactgcc atcagagaaa tgcaaaatac 144060  
 aaccacaatg agataccact tcacaccagt tagaatgggt atcgttaaaa agtcaggaaa 144120  
 caacaggtgc tggagaggat atggagaaat aggaatactt ttacacttgtt ggtgggactg 144180  
 taactagttt caacctagt ggaagtcaat gtggcgattc ctacgggattc tagaactaga 144240  
 atactcattt gaccacgcaa tccattactc gggatatata ccaaagtatt ataatcatg 144300  
 aatgcataaa gacacatgca cacatatgtt tattgtggca ctattcaca gacgaagac 144360  
 ttggaaccaa cccaaatgct caacaatgat agactggatt aagaaaaatt ggcaactata 144420  
 caccatgaga ccaagcagc ccaataaaaa tgatgagttc atgtcctttg tagggacatg 144480  
 gatgaagcta gaaacctca tcttcagcaa actattgcaa ggaacaaaaa ccaaacactg 144540  
 catgtctcca ctcatagtg ggaattgaac aatgagaaca catggacaca ggaaggggaa 144600  
 catcacacac tggagcctgc tgtgggggtg ggggttgggg gagggatagc attaggagat 144660  
 atacctaatg ctaaaatgag agttaatggc tggcgcacac caactaggca atgtatatac 144720  
 tatgtaacta actcactagt tgtgcacatg taccctaaaa cctaaaagat aataataaaa 144780  
 aaataagctt ataaaatgtc tttaattgta tataacttta taactctgaa agaatataag 144840  
 tctgttaata tgcgtcagct gagtaggctc attaagtgat aacattaaac acaataacca 144900  
 cattttaaaa agtatgattt tgatatcatc ggttgtgtat tttaacccca aactctgtat 144960  
 atagtaactt tgttttctca tttagacctg ctcaactttt atagaaactt ctctctctc 145020  
 aaaaatgact taggtttcac caagtatgtt tgcataccaa aatcaatgaa acacagctac 145080  
 aactatgctg gctcaggaaat aaagccagct aattagattc ttattctaa gaaacaaga 145140  
 agggcaggtg agaatttgat tatggcagaa tcttgaccat aatcaataac tgttttctat 145200  
 ttttttcca tgttgtcggg tggttcaac ctgactttca ctatttccaa tgaattcctg 145260  
 tgttttgggt tataaaattc aaaaatcatc tgaaaagttt cactgaatga aaactcgaaa 145320  
 attggaaaat aaacattttt ctgcacaaaa aaaaaacaaa tgaacatgta cttctctcat 145380  
 tttccaaagt catctcaagc ccatatgagg attaccacaa acttgacgtg gagaataatc 145440  
 tttgcaatgt aagaagtgc atgcacaaat gttgatgeta ttataattag tctcagggt 145500

10074411.020702

caaaaatgct tgaaccttaa atctaaccat tcaaaggaaa gcattatttt tcaattcattt 145560  
 tacaagttaa acctcccttc ttcccacat cttgtgttag aatctggacc ctgaagttag 145620  
 agggacaaga ttcaaatccc agcctcatca gtactagcta tgtgatattg gaagattgtac 145680  
 ttgatccctg ctattattac ttctctgatt tattaatagg ggaatgagaat aatatctacc 145740  
 caaataaagg gcccaatgca gtgcccaca gcatgaagcc caataaagggt tagttaacat 145800  
 cacatccata ttgtaccact tttagtatta gattttcatc atcccagaac attttcttc 145860  
 tttaagcctt ttcttttcta agtggcact ttctggatac tgattgcact cctcaaaaac 145920  
 ttgaaacgct caaacacaca agatgccatt tagggacat tggaacttgg gtttccctct 145980  
 ctgtaaaaat gagttaatga agtcacctcc cagggtgtgt gtaagaatga atgagctaga 146040  
 gtatgtaaaa tatcttagca cagagtgctt agaaattat tagttccagc caagctgggt 146100  
 ggctccagcc ttcatcccca gcaactaggg agggccaaggc agggcgctca tctggggtca 146160  
 ggagttcaag accactgggt caacatgggt aaaccccgct tctactaaaa taacaaaat 146220  
 tagccaggcg ttgtggcatg tgcattgaat cccagctact caggaggctg agacaggaga 146280  
 atcacttgaa ccaggagggt ggaggttgca gtgagccgag atcgtgccat tgcaactcca 146340  
 cctgggcaac aagagtgaat ctctgtctca aaaaaaaaaa aaaaaaaaaa aagaagaaga 146400  
 aagaagaagg aagaagaagg agagagagaa agaaagaaag aagaagaaga 146460  
 aagaagaaga aagaagaaga agaaaagaaa gaaagaaagg aagagacaga aagaagaag 146520  
 ggaagaaga gaaagaagaa gaaagaaaga aagaagaaga gaaagaaga 146580  
 ggaagaaga aagaagaaga gaaaaaaga aagaagaaga gaaaaaaga gaaagaga 146640  
 aagaagaaga aagaagaaga gaaaggagag acagaaagaa ggaagaagg aggaattat 146700  
 ttccctttt cccaccagc cctcacaca aacctgtgt gggtgaga atgtaaaagt 146760  
 gaaocaaact gaagaagatca catcgatat gcactagccc tctagtggga gacacagca 146820  
 ataacacaga aagattaaaa acagtaactag gtgcatttag gtgcatttag cctcccgag 146880  
 cataaaggga ggaaataac cagtggctct ttcatgcaga gaatcagggt agactctgtg 146940  
 ggagagacc gcactcacac tgggagtaa ttatttatt ttatgtgtt cagttaggag 147000  
 tagaggtgct ctctctgtat tatctaact tgggaggaac aatgtcacag gggtttcaag 147060  
 atgagtata gaatttgct tctcttgaa aaacaagaa ttgagttcac actaacaca 147120  
 aatacatcaa gccatttga gtcttgtgt gtctatggat taagtctact ctttccact 147180  
 agtcaaggaag ttccaatgag aagaatgct cttaacttc taagtccaac agagtagttg 147240  
 aacttgacga ttgattgtaa atctaactaa gaaagacat gccatggaaa gatagattg 147300  
 gtgcctctgc ctactttgca tggcacagcc ttgcaggag ggaaagagcc caagaggcaa 147360  
 aagcctgtg ttgtttgaa aggcacaagg aggtggaaga ttaggggaaa ctcccccaca 147420  
 aatgaatgac ctgtcaact agactcaaga agccaata agccaata atggaactg 147480  
 agggaaataa accaggcga gaaacacaaa tgttgcatat tcttactcat gtgggaacta 147540  
 aaaacatgca ttccaaggag aatagaatga tggttatcag agactgggaa cagttgtggg 147600  
 tgggggtgtt aagagaggtt gcttaatggg gcttaacata tagttagata gaaggtataa 147660  
 gttctaatgt ttgacagcag agtaggagaa ctatagttaa cagttaataa ttgtatactc 147720  
 caaaatagct agacaggaag atttgaaatg ttcccaacac atagaatatg caaaagcttg 147780  
 aggttaatga taccctaatt atctcgactt gatcattaca cagtctatgc gtgtacgaa 147840  
 ataccatat taccocataa atatgtacaa atattatgta tcaataaaaa tttttaaaaa 147900  
 gaagctgcaa tcaactattc atcttatct ttccagcagc atccttaca agttacagag 147960  
 acatcttaag atgattccct ctctctctga atctctctg atagaacaa atgaacata 148020  
 aacaaggagt gggtgggag gagctgtcaa catccatct aaggaagag ctgttagggc 148080  
 tatgagcttc ctctgtctca gagttagact gggaaaatg agtcttgaca attgattttc 148140  
 tattctttct ttctctaaat ccccaatgaa tatgtttttc tttttagctg tcaagtggtg 148200  
 acagggtctt attctgttta gttatgcaaa caggccagaa gaaactgaaa taggctataa 148260  
 atgtttgaag ctggcccaaa gaagatgtag tcaacacaga taacctctgg aggaagtg 148320  
 ctgtcaggaa agtcacttc ctgaccagca aaaggaccag cactattttg tctgtgtgaa 148380  
 ggaatcatt ctgtctgtg ctgtctagg gacagtggt cagctggctt cctgtggact 148440  
 gccacaagt ccactcact agtcaggaga tcatggctc agctgggggg aacttagggt 148500  
 ttatctcttg tatgctagct tatgctgct gtctgcttg ccaaccaca aacagatag 148560  
 ttcatagcaa gtgcaggct cctggaac cctggaac tttaacctacc tactaggata catttaacg 148620  
 tgcctttctc ctggcatcag gctggagatc agaaataca aagaacatag tccctgctc 148680  
 cagttagctc agaattatgt gggggaatgg agacagaagc aaatactgtg gggacaagt 148740  
 acgtagggcc aaaaatagg cttaacaaa ggttggtgga gctcagaaaa gtagcaactc 148800  
 actctgctg aagaagtcat ggagggtccc acggaagaa caacattgt gcaggaggag 148860  
 attagaacag agaggaga gtagcacga ctccagatga agggagagaa atgtgccag 148920  
 atttcatggg aatgagaaga tgtaaaactgc tcaggaaaaa ccatggttgc agctctcac 148980  
 agtggctgaa caatggtaa attgtcagtt ttgctgtcca actgtgtcag ctgtgtatc 149040  
 tcaactattc aaccaagcac tgatctaggt attgctgtga aggtattttg tagtcgcaat 149100  
 taacctctac aatcagttga ctctatttaa aggacattat tctgtactat ctgagtgagc 149160

10071411.020702

ctgatccact tcatcccaaa ggtaaatgat tctccaacag tgtttctc c tacatctagg 149220  
 gcttggaaga tgaaggtgaa ggagaatatg gaaaaaacac aagaaaaaag tcaatcaatc 149280  
 agaactctcca ggcctgtgtt tgttagttca ctttatgttc aaccagattt tctccacttt 149340  
 tatctgtctc cttgtaaagt ttcattctgaa aaaggggaatt cactcttcag gtgttgaaa 149400  
 tcaattatga gagaagcact tacagaatga ctatctgaag agctctcgag acattctcca 149460  
 gagttaaaac accataaacc gtgaaaatta aaaaacaaca aataaaaaaa atgttgagat 149520  
 attggaattt gttctaagg cgcagacgaa atgaagaaat ccaagaaagc tccaacttt 149580  
 cagtgaagagg agtgagagtc ttaggtgttg agtctatggt gtttaagttc tgttcaattc 149640  
 ctccctctct tgcatacagt tcagtgaaac agaaacccctg ctccagagat gtgcagccaa 149700  
 aaagcagcgg ggcctgtgtt cctcagctcc caatctaggg cagactacca gctattccca 149760  
 agcccatctt tggctctatg ttcagaaagt tctattccaa gaaagtttga ctgagaattc 149820  
 gaactctctc tcttccactc agctctact attaaggcgt aagtctctat ccaggtgcc 149880  
 cgggccaaaga atactgatgc tgaatgtcct tgctccgcta cactcatagg gcagagattc 149940  
 catggggagg gtgaagtctt cattccagaa aaggcagaaa aacagaaatt actgccaat 150000  
 ccagtacccc acccataaag aaggaaagac atctgagaaa agcatgacac tgtcccaaaa 150060  
 accactcgca gagttagtgc agtagaggca gtagggagac tagaggacct ccttagaggg 150120  
 agaagtagta cagaagaaga aaagtctcta gttctcccta aagggacaaa ttttatttgc 150180  
 aacagaaact gggaaagtct aagcctaagg gcactgtcaa aaacaaatga tattttttgc 150240  
 gtaagcaatt aatagggtta tggcagctta gtgagagcaa caaactaaac cataaaccag 150300  
 ctgacacat acaataaaaa tccaagaaa agagagccaa gaaggccctt cctgaggtta 150360  
 aaacaaactt caaagtcttg tctgaaaaac tgctctcgca aaggaagcaa aatataattg 150420  
 gatcagactg tggagcaatt tatgccctta aaaagctgtc aaaaacaaaa gagcaattat 150480  
 ctgacaaatt ctggaggtta acagttgggt atgataccaa aagagccaaa caactgaaca 150540  
 gatcagagga agggcgagtc aaagagagca ctgtctaaat cactgtaatt ccaattttag 150600  
 agaaaatgtg gtcactctct tgactccctc aggaacaaca tcagaggcca caaattatgg 150660  
 tggaaatagg ctccactata tagtctagcc aggcaattaa acaaataaac attttaacaa 150720  
 cagtaacatg tggagggggg cagaaatgag tattgcaact agctagaacta tattttttaa 150780  
 caaaaaaatt atagtcgaag cagagatatg gaaaagacag agccatacac cagaaaaaag 150840  
 tgaagcaaga gaaactgctt ttgtgagtgc caagatgtca gacatgtctc aaaaaaaacc 150900  
 tcaaagttaat tattataaat atgtttcaaaa actaaaaaaga aatgtgtcta aaaaaataaa 150960  
 gatggtagta taatttcttg tcaattcaaa aataccaata atagatttaa aatatttttt 151020  
 caaaagttaa ttaaccaaat ggaaattctg tttgtaccaga gtaaataaac aacaataaga 151080  
 acattttgtc agaggaattt aacaatagat ttgtaccaga aggaaaaata atcaataaaa 151140  
 cagggtttgc atcaacacca aacctgtctt acaagaaata acaaaggag tccaactctg 151200  
 aagaagaac attacaagc aacaggaaat catctgaagg taaaaaactc actgtacctt 151260  
 cagatgataa taagtctcca aaaaacacag aatattataa cactgtaatt atggtgtgta 151320  
 agctactatt atcataagta gaagaggaaa aagatgaact gattaaaaaa caattacaac 151380  
 agcttttcaa gcatgtctta taagatatat aaataacaga aagcttaaaa gcataataat 151440  
 aaagttaaaa tgtagaggtt ttttttagtt tctttttgct tgattgtgta tttatttatg 151500  
 catcagtggt agcataaaat aatgggttat aagtagatat tgcgaagcct ttgcgaagct 151560  
 catagtcaac tcaattttaa aaacatacaa tgtatacaca aaaagtgaag agcagaaatt 151620  
 taacaacata caccaaaaaa aatactttca ctaaaaaaga gacaggaagt agcaaaaagt 151680  
 gggagaggaag atcacaacaa aaccagaaaa taataaacaa aatggcgaag aagtctctat 151740  
 ttgtcaataa taatatgtga tgtlaaatgga ctatactctc cagtaaaaaag ctacagagtg 151800  
 gtggaatgta ttaaaaaaaa ggaccocaaat atctgttacc tacaagaagt aaactctcact 151860  
 tataacaaa ctacagactaa aaataaagtc atgggaaaat ataactcaag caaatggaaa 151920  
 ccaaaaaaga acaggagtag ctataacctt atcagactaa atagatttca agacaaaaat 151980  
 tgttaagaaa accaaaaata gggtattata taatgataaa gagatcagtt aagcaagagg 152040  
 atgtacaact tgttaataata atctaggagc acctagatga acctagatga 152100  
 tattattgga gcttaagaaa gatagacccc ctcccccaaa acataaatag ctgtagattt 152160  
 caagtgtcca ctttcaagat tggacagatc ttcagagacag aaaaatcagta aggaacatc 152220  
 agatgtaact tgaactatag accaaatggg cctaataagt atttacagaa tattttctcc 152280  
 gaaggtttca gaagacacat ttttctcctt agcacataca ctattctcaa gaacaggcca 152340  
 tatatttagt catgaatcaa gtctcaaaac attcaaaaaa actgaataaa tctcaagcat 152400  
 ctctcttgac caaatgtgaa taacaaactaga aacccaatac aagggggaatt ttggaacta 152460  
 taaaaaaaac tggaaattaa acaatatgtt cctaataatgat aagtgggtca atgaagaaat 152520  
 tatgatttga atgaaaattt ttctaaaaac aaatgacaat ggaaaacata tgcacagaa 152580  
 cctatggggt acaacaaaa agtccaagag agtgatattt ccagataagg gcctacatca 152640  
 aaaaagtagt aaaaacttcaa gtgaataacc tgaatgtgca tgataatgaa tcttaaaagg 152700  
 aagagttaac caaacccaaa attagtagaa gaaaagaact aataaagatc acagttagaa 152760  
 taaataaaat tggactctg tcccaagatg gcctaataga aacagctcca gtcctgagct 152820

20071411.020702

cccagcatga ttggcacaga agatgggtga ttctgtcatt tccaactgag gtaccagggt 152880  
 catctcattg ggaactgggt gcaaatggat gcagcccatg gagggtgagg tgaagcaggg 152940  
 tggaggatga cctcaccocg gaagcacaag tgatttggggg atttcccttt cctagccaag 153000  
 ggaagccgtg acagactgta cctggaaaaa cgggttcactc ccaccocaaat actgtgcttt 153060  
 tcccatagtc tttagcaaccg gcagaccagg agattctctc ccaagccctag ctcatcagg 153120  
 cccatgccca cggagcctgg ctcactgcta gcacagcaat ctgagatcaa cctgcaggcg 153180  
 tgcagctggg tggggggagg ggtgtcagcg attgctgagg actgagtgg taacaaaagt 153240  
 ggccagggaag ctcaaacctg gcagagccca ccgcagctca gcaaggccta ctgcctctat 153300  
 agatttccoc cctgtgggca gggcataact gaacaaaagg cagcagacaa ctctctcaga 153360  
 tttaaacgtt cctgctgac agctctgaag agagcagtgg ttgcccacgt ttggaactctg 153420  
 agctctgaga acagacagac tgccctctca agtgggtccc taaactccat gtgactcaac 153480  
 ttgggagacat tccccctag cggccgacag acacctcata caggtgggtg coagocctgg 153540  
 acaaagctct cagaggaagg atcagggaag aatatttgc tctctgcaat atttgcgttt 153600  
 ctgcagcttc tgctgggtg atccaggcaa acagagtctg gaatggacct coagocctgg 153660  
 ccagcagacc tgcagctgag ggactgact gctagaagga aaactaacaa acaaaaagga 153720  
 atagcatcaa catcaacaaa aaggacatto acocaaaaac ctcatctgta gtccaata 153780  
 tcaaaagcaa aaggtagata aaacccaaaa gatggggaga aaccagagca gaagagctga 153840  
 aaatttctaa cgtctgacac cgtctctctc ccagagattt gcaactctg acccgcaact 153900  
 gaatgaagct ggggtggaga tgactttgac aagtgtggag aagtaggctt cagaaggtcg 153960  
 gtaataacaa actactccaa actaaaggag catgttctaa cccattgcaa ggaagctaaa 154020  
 aaaocttcaa aaaggtgtag acaaatggct aactagaata acacagtgag aggaagactt 154080  
 aaatgcactg atggagctga aaacccgtggc ataggacat catgatgat gcacaaagctt 154140  
 aaatagctga ttaattcaag ttgaagaagg aatatcagtg aatatcaaa 154200  
 aataaagcaa gaagataaga tttagaaaaa aagagtaaaa agaaattgaa agcacctcca 154260  
 agaaattcag gctactgtga aaaaaaccaa tctacactg atttggttg ctgaagatga 154320  
 tgggactgag gaacccaaat ttgaaaacac tcttcagaat actatccagg agaactcccc 154380  
 ccaaggaaga accagagcca acatttcaat tcaagaataa ctgagaacat cagaactata 154440  
 ttctccaaag aggacacccc caagacacat aattgtcagc ttcaccaagg ttgaatgaa 154500  
 ggaaaaaaat gttaaaggca gccagagaga acggttgggt taccacaaa ggaagctcca 154560  
 tccagctaaa agtactctc tccagcagca cctgtgaagc ccaagaagag taggggtcaa 154620  
 tattcaaat tcttaaaaga aataattttc aaoccaaagt tcatattcca gccaaactaa 154680  
 gcttcataag tgaaggagaa ataaaaatct ttacagacaa gcaaatgctg agagattttg 154740  
 tcaacatcag gctgcctta caagagctcc tgaaggaaac actgaacatg gaaaggaaac 154800  
 actgttacca gcactgcga aaacacgcca cactgttaag accatgatg actgaagaa 154860  
 actgcaacaa ttaactggca aaataagcag ctccagacat aatgacagga tcaagttcac 154920  
 acataacaat attaacctta aatgtaaatg ggctaaatgc ctcaattaaa gacacagact 154980  
 ggcaaatgc atagagtcaa gaccatcag tgtgcggtat tccaggagacc catctcacat 155040  
 gcaaaagaca acatagggat ggagggaagt ccaccaaaga aatggaaagc caaaaaaaa 155100  
 aaaaaaaaaa aaaaagcag ggggtgcaat cctagtctct gatataatg gataaaacag agtttaaac 155160  
 acaaaagctc caaagagaca aagaagacca ttacataatg gtaaaaggat caatacaaca 155220  
 agaagaccaa actctcttaa atatatatg aaaccaatag ggagccacca gattcataaa 155280  
 cgaagtctgc agagacgtac aaagagatg agacttccac acaataataa ttggagactt 155340  
 taacactcca ctgtcaatat tagacagatc aatgacacag aagggtcaca aagatataca 155400  
 ggacttgaat tcaagtattc accaagtga cctaattagc atctacagaa ctctcacccc 155460  
 caaatcaaca gaatgtacat acttctcagc accacatcat acttattcta aaattgacca 155520  
 cataattgga agtaaaacac tcttcagcaa atgtaaaaga acagaaaact caacaaactg 155580  
 tgtctcagac tacagtgcaa acaaattaga actctggatt aataaactca ctcaaatca 155640  
 cacaaactca tggaaactga ataacctgct cctgaatgac tactgggtac ataatgaaat 155700  
 gaaggcagaa ataaagatgt tctttgcaac caataaagac aaagacacaa catcacagat 155760  
 tctccgggac acatttaagc cagttgttac agggaaaaat atagcactaa atgccocaaa 155820  
 gagaagcag gaagaacata aaatcaacaa cctaactatg aactagagaa acactagaga 155880  
 gcaagagcaa acacattcaa aagctagcag aaggcagaaa ataactaaga tcgaagacaga 155940  
 actgaaggag atagagacac aaaaagcact tcaaaaaaat caatgatgc agagctcgtt 156000  
 ttttaaaag atcaacaaaa ttatagaccc gctagcaaga ataataaaga aagagagaaa 156060  
 gaatcaaat agactcaata aaaaaagata aaggggatat caccactgat ccatagaaa 156120  
 tacaactcac catcagagaa tactataaac acctctacat aaataaacta gaaattctag 156180  
 aagaaggggg aggggccaag atggccaaat aggaacagct cagctctaca gctccagcag 156240  
 ttaggtgacac agaagcaggg tgattttctgc atttccatct gaggtaaccg gttcaatcca 156300  
 ctaggaggtg ccagacagtg ggcacaggtc agtgggtgcg cgcactgtgt gcagagcaat 156360  
 gcagggtgag gcgttgcttc actcgggatg tgcaaggggg cagagagttc cctttctag 156420  
 tcaaaagaa ggggtgacaga tggcactcgg aaattcgggt cactcccaac tgaatactgc 156480

10071441.020702  
 202020.1441.020702

acctttccaa cggtcttaaa aaacggcgca cctggagagt atatcccgca cctggcttgg 156540  
 aggtctctat gccacggag cttctgtgat tgctagcaca gcagctctgc atcaaaatgc 156600  
 aggcagcggt cagggctggg ctgaccttgc ctgccattgc ccaggtctgc ttaggctaaac 156660  
 aaagcagctg ggaacctcaa actgggttga tcccaccaca gctcaaggag gctgccttgc 156720  
 ctctgtaggc tccacctctg gggcgaggcg acaggcaaac aaaaagacag cagtaaacac 156780  
 tgcagactta atgtctctct tctgcagctt ttgaagagag cagtgttctt cccagcaccg 156840  
 agctggagat ctgagaacgg gcagactgco tctccaagtg ggtcctgacc cctgcaccgc 156900  
 cgagcagcct aactggggag catccccgag cagaggcaga ctgacacctc acacagccgg 156960  
 gtactcccaa agactctgag ctgagggctcc tgtctgttag aaggaaaaat aacaaacaga 157020  
 aggacattca caccaaaac coactctgat atcacatca tcaaaagaca atcagtagata 157080  
 aaaccccaaa tctggggaaa aaacagagca gaaaaactag aaactctaaa aggcagaagg 157140  
 cctctctccc gcgaaggat tgcagttctc caccaggat ggaacaaagc ttgacagata 157200  
 atgactttga cgagctgaga gaagaaggct tccagatgatc aaattactcc gaactcaggg 157260  
 aggcattca aaccaaaggc aaagaagttg aaacagttca aaaaatttag aagaatgtat 157320  
 aactagaata accaatcacg agaagtgtt aaaggagctg atggagctga aaaccaaggc 157380  
 tcgagaacta cgtgaagact caggagccga tgcgatcaac tggaaagaa ggtatcagcg 157440  
 atgggaagtg aaatgaatga aaatgaatga gaaggaaaat tttagaaaaa aagataaaaa 157500  
 agaaatgaac aaagcctcca agaatatgg gactatgtga aaagaccaaa tctacatctg 157560  
 attggctgac ctgaaagtga cggggagaat ggaaccaagt tggaaaaaac tctgaggagt 157620  
 attatccagg agaactctcc caactctaga aggcaggcca acattcagat tcaggaaata 157680  
 cagagaacgc cacaagaata ctctcagaga agagcaaac caagacacat aattgtcaga 157740  
 ttcaccaaa gttgaattga ggaacaaatg ttaaggcgag ccagagagaa agtgccggtt 157800  
 accctcaaa ggaagcccat cagactaaca cgggactctc cggcagaaaac tctacaggcc 157860  
 gaagagagtg ggtggccaat attcaacatt ctaaggaaa agaattttca aaccagaatt 157920  
 tcatatacgc ccaactaagg ctctataagt gaaggagaaa atcatgcccc aaagtagaat 157980  
 caaatctgta gaattttgt caccaccagg cctgccctaa aagagctctc gaaggaaagt 158040  
 ttaaacatgc aaagaaacaa cgggtaccag cggctgcaaa atcatgcccc aaagtagaat 158100  
 ccatcgagcg taagaaagaa ctgcataaac taacagagaa acaaacctgc taacatcata 158160  
 atgcagagat caaatttcaa catacaata ttaactttac atgtaaatgc ttaaaatgct 158220  
 gcaattaaaa gacacagact gccaatttgc ataaagattc aagaccctac aggtgtgctg 158280  
 attcaggaaa cccatctcac gggcagagac acacatagcg tcaaaaataa gggatggagg 158340  
 aagacactcc agctaaattg aaacaaaaaa aaaggcaggg gttgcacatc tagtctctga 158400  
 taaaacagac tttaaaacca cacagatcaa aagagacaaa agagagcatt actaatggg 158460  
 aaagggtatc attcaacaag aagagctaac aatcctaata atatatgcac ccaatacagg 158520  
 agcaccocga tctcaaaagc aagtcctgag tgacctcaaa agagacttag actaccacac 158580  
 attaataatg ggaactttta acacccact gtaacatta gacagatcaa caagacagaa 158640  
 agtcaacaag gataccagg aattgaactc agctctgcac caagcagacc taatagacat 158700  
 ctacagaact ctcccacca aatcaacaga atatacattt ttttcagcac cacaccatc 158760  
 ctatttcaaa attgaccaca tacttggag taaagctctc ctacagcaat gtaaaagac 158820  
 agaaattata acaaacctgtc tctctaacca cagtgcaatc aaactacaac tcaggatgaa 158880  
 gaaactcact caaacactgct caactacatg gaaactgaac aaactgtccc tgaatgacta 158940  
 ctgggtacac agcgaataat aggcagaat tctgtgttgc ttgaaacca atgagaacaa 159000  
 agacacaaa taccagaagt tctgtggatg attcaaaagca gtgtgtagag ggaatttgt 159060  
 agcactaaat gccaccaaga gaaagcagga aagatccaaa attgacccc taacatcaca 159120  
 attaaaagac ctgaaaaagc aagagcaaac acattcaaaa gctagcagaa ggcaagaaat 159180  
 aactaaaatc agagcagaac tgaaggaaac agagacaaaa aaaaacttct aaaaattaat 159240  
 gaatccagga gctggttttt tgaaggatc aacaaaaatt atagaccgct agcaagaata 159300  
 ataaagaaaa aaagagagaa gaatcaata gatgcaataa aaaaatgata aggggatatc 159360  
 accacagatc ccacagaagt aaaaactatc atcagagaat atcagagaa atcatagca 159420  
 aataaacctg aaaaactaga agaaatggat aaattctctg acacatacac tctcccaaga 159480  
 ctaaaacagg agaaagtgta atctctgaat agaccaataa caggagctga aattgtggca 159540  
 ataatcaata gcttaccacaa caaaaagagt ccaggaccag atggattcac agccgaattt 159600  
 taccagaggt acaaaggaga actggtacca tctctctga aactattoca atcaatgaa 159660  
 aaagagggaa tctctccctaa ctcattttat gaggccagca tcatcctgat accaaaggcc 159720  
 ggcagagaaa aaacccaaaa agaggatttt agaccaatc ccttgaggaa ccttgatgcc 159780  
 aaaaatctca aataaactat ggcaaaccaa atccagcagc acatcaaaaa gcttatccac 159840  
 catgatcaag taggcttcat ccttaggatg caaagcttgc tcaacatagt caaatcaata 159900  
 aatgtatacc agcatataaa cagaacaaaa gacaaaaacc acatgattat ctcaatagat 159960  
 gcagaaaaag cctttgacaa aattcaacaa cacttcatgt taaaaaactc caataaatta 160020  
 ggtattgctg gacgttatct caaaaataa agagctatct atgtcaaac cagacccaat 160080  
 atcactactg atgggcaaaa actggaagca ttcccttga aaattggcac aagacagga 160140

1007111.020702

tgcctctct caccactcct attcaacata gtgctggaag atctgtccag ggcaatcagg 160200  
 caggagaaag aataaagaag tattcaatta ggaaagagg aagtcaaat gtcctgttt 160260  
 gcagatgaca tgattttata tctagaaaac cccattgtct cagcccaaaa cctccttaag 160320  
 ctgataagca acttcagcaa agtctcagga tacaaaaat atgtacaaaa atcacaaagc 160380  
 ttcttatata ccaacaacag acaaacagag agccaaatca tgagtgaat cccattcaac 160440  
 attgcttcaa agagataaaa atactctagga atccacctta caagggatgt gaagccacct 160500  
 ttcaaggaga actcaaaaac actgctcaac gaaataaaa aggatcaaaa caaattggaag 160560  
 aacattccat gtctcatgggt aggaagaatc aatattgtga aatggccat actgcccagg 160620  
 gtaatttaca gtttcaatgc catcccattc attactttct cctcaaatgt 160680  
 gaaaaaacta gattaaagt ctatgtgaac caaaaaagag cccgcattac caagtcaatc 160740  
 ctgagccaaa agacaacagg tggaggcatc acactccctg acttcaagct atactcaagg 160800  
 gctacagtga ccaaaaacgc ttggtactgt taccaaaaac gagatataga tcaattgaaac 160860  
 agaacagagc cctcagaagt aatgctgcat atcgacaact gtctgtatct tgacaaaact 160920  
 gagaaaaaca agaattggg aaaggattcc ctatttaata aatggtgctg ggaaaaactg 160980  
 ctagccatat gtagaagaat gaaactggat ccttctctta cactctatcc aaaaattaat 161040  
 tcaagatgga ttaagaactt aaatgtcaga cctaaaacca taataactgt ggaaaaactg 161100  
 ctaggcatta ctaatcagga catagggcat ggcaaggagt tcatgtctaa acaccacaaa 161160  
 gcaattgcaa aactggacaa aattgacaaa tgggattctaa ttaaaactgt gacottctgc 161220  
 acagcaaaag aaactaccat cagagtgaat aggcaacctc cagaatggga gaaaaatgtt 161280  
 gcaattctact ctctgcacaa agggctaaat ttcagaatct acaagaactg taacaaaagt 161340  
 ttcaagaaaa aaacaacccc atcaaaaagt gggcaaaaata catgaaaaa caottctcaca 161400  
 aagaagacat ttaatgcagg aacagacaca tgaaaaaagt ctcattcatca ctggccatca 161460  
 gagaaatgca attctaaaac acaatggagt accattctac accagttaga atgagatca 161520  
 ttaagttagc gaaacaacag atgtctggaga ggacattggag aataggaaat gcttttacac 161580  
 tgtgtgttgc ttgttaaat atttgcaccca gattcaatca ttgttgaaga cagtgtggaat attctcgaag 161640  
 gatctagaac ttgaaatacc atttgcaccca gcaatcccat tactgggtat ataccgaaaa 161700  
 gattacaatg ttgtgaacta taaagacaca tgcacacgaa ttgttattgt ggcaattctc 161760  
 acaatagcaa atactcttaa caaacccaga tgtccatcaa tgaatagacty gattacaaaa 161820  
 atgtggcaca tatcacacct ggaatactat gaagccataa gaagccataa gttcattgtc 161880  
 ttttcaggga catgtagtaa gctggaaaac atcattctca gcaaaactag acaaggacag 161940  
 aaaaacgaac accgcatgtt ctoactcata gatgggaact gaacacttga acaacttggg 162000  
 cacaggcgag ggaacatcac acaaccgggc ctgttggggg gtgttggagt ggggggagag 162060  
 tagcattagg aatgtaact aatgttagt atgagttagt ggtatcgaca aaccaacag 162120  
 gcacatctat acctatgtaa gaaacctgca ctttgtgcac aggtacccta gaacttgaag 162180  
 tataataaaa atgaaaaaaa gaaatgttta cttagcaaat gtatagtggt ataccttaat 162240  
 taactctgca tctgcactat gtgtctggat acacatggaa agtatccag caticacacc 162300  
 aaattgttaa aataaattccc ctctcaacat taggagtggtc tgggggagag atggctttca 162360  
 ctctccgaca ttccatggtg ccagggtaat accacatcac aatagttaat agcaaaaata 162420  
 acaaccttaa gtttagattt tcttatctaa attttaattc tgtgaagaag ttccatttc 162480  
 cctttttcac acaggatagt agaattgcagt ttagaagaag tgagatcatc ttgtagacty 162540  
 tacaattttt aagcatcagc gaagtatacc attaaacttc tctatcaatc cattctctaa 162600  
 acttcccaac ccaaaaaaaa agaaacacat aaaattgaaa tgaagaaaaa atatacaaaa 162660  
 atcaacaaaa atgaaaggtt gcttttttaa agagataaac aaaaatgaca aatgtttagc 162720  
 cagactagca aaaaagagag gcccaataa ataaaaatc agagtaaaaa cgacagatta 162780  
 taactgatac tgcggaattt caaaggatca ttaattggcta ctatgagcca ctgtatgcca 162840  
 aacattggaa aatattgaa aatagataa attctagac aacgcgaacc taacaagatt 162900  
 caacctgaa gaaattcaaa atctgaacag accaaaaaca agtaacaaga tcaaggocat 162960  
 aattaaaaat ttcccgacaa agaaaagcct ggcttccacty ctgaattctc 163020  
 tcaaacattt aaagaacata taccoactct actcaaaacta cttcaaaacta ctgaaggag 163080  
 gggaattatt ccaaaactat tctatgaggt cattactgct cctatgcaa aaccoaggag 163140  
 acatcaaaaa aggaaaacta taggccaaat tctcacatga atattatgca atctcgaaa 163200  
 aatgtcagca aactgaattc aacatcacat taaaatcatc tcaattatga caaatggat 163260  
 ttatccagag gatgcaaaaa ttgttcaaca tatacacatc agtcagtga atcatcata 163320  
 tcaacagaat gaagaagaaa aaccatatgt toatgttaat tgatgtgaa aagattattg 163380  
 agagaattaa acatctcttc atgcaaaaaa cctcaaaaaa cactggagag caaggaacca 163440  
 tgcataacca caataaacag acatatatga cagactcaca gctagaaatc tactaaatgg 163500  
 gaggaactc aaatgacttc ctctaaatgc tggaaacaaga caaggatgct cattttcaac 163560  
 aatgttagtg gaacatagta ctgaaagtcc tagctagaac agactagaga cagaaataag 163620  
 gggcatccaa actgggaaga gagaagtcaa attacttttg ttgcagagt gtatgatatt 163680  
 gcttttggaa aaacctagac tccataaaaa aatgattaga actgataaat tcagtaaat 163740  
 ttcaggatac aaaaataaca tacaataaac agtagcattt ctatatgtca atagcaaaa 163800

10071411.020702

atctgaaaaa gaaatcaagg aagtaatccc atttcccatt tgcaatagct ataaaaaaa 163860  
 ttaataataat ctcattctctt caataaagtgg tgttgggaaa actgcatatc cacatacaaa 163920  
 agaataaata tagacctctt taataatacaa aactggaccc aagttaatat acaaaaatta 163980  
 acttgaaatg aattaaagac ttaaatgtaa gatctgaaac caaaaactcc tagagagaaa 164040  
 cataggggaa aagctctctg acgttggcct tggcaataat tttttgggat ttatccacaa 164100  
 aagcacagac ttgtgaaaaa ataaacaagt aggaactacat caaactaaaa agctctctga 164160  
 tggcaaaaag aagtgcacaa catgaaaagg caacctacag aatggagagc aaattgtgca 164220  
 aaccatatac ctgatgagaa gttaatatca aaatatagaa aatatataag gaactcaact 164280  
 attcacaata caaaaaata ataacctgtt ttataatggg caaaggacct gaatagacat 164340  
 tttttcaag caagacacaa gatggccaac gagtgaggaa aaaaagcttc aacatacta 164400  
 atcatcaggg ggaatcgaat caaaaccaca atgagataac actccacacc tgttaggaaa 164460  
 gctattatga aaaaacaaag agacaattgaa tattggcagg ggcattgagc aaaaagaacc 164520  
 cttgtacact gttggtagaa atgtaaaatt caacagcctt tatggaaaat agaattgggg 164580  
 ttctctaaaa aataaaaaata gaactaccat acaatctagc aattccact atgagtgtac 164640  
 atccaaagga atcaaatcac tatgtcaaa agatatctgt acttctctgt ttattgcagc 164700  
 tttaactaca gtgagcaaga taaggaaaaa atctaaatgt ccatcaacgg ataaagaaaa 164760  
 tggggggagg ggtgtgcatt tatacataca caatggacta ttttgcagg atacaacaga 164820  
 aggaaacctc gcattttgtg acgatattgaa tgaaccacga ggaactatgt taattgtgaa 164880  
 taagccagac acagaaaatac aaattattgta tgactctcatt tatattgcgaa tctaaaaatt 164940  
 tcaaaactga agacgaataa gtgagaaagt atttatcagg agctaggggg tgtgggggag 165000  
 aagcaaaaata ttggggcaag agtataaaat ttccagttatg agctgaaagg cagtgccgat 165060  
 ggctcatctgt ggaattccca atactttgga aggcctgaggc agagggatgt cttgagacca 165120  
 gcttaggcga gaaagtgtga cctcatctct acaaaaaata aaaaataaag aatcagctgg 165180  
 gaggttgtgg atacacctgt agtccagct agtcaggagg ctgagggggg aggactcatt 165240  
 gaaattgggg atgcaggagc gcagctcagc aagatagtgc caactcagct agcctgggt 165300  
 gacagagcga accctgtct ctatagttta taactcgttt attacttgaa gtctctggga 165360  
 tcaaatgtac agcatgttgg ctatagttta taactcgttt attacttgaa gtctctggga 165420  
 agcagatttt gatcatcccc agcacccccc caacatacac acacaacaa gtgaataata 165480  
 ggtggtgata gatattgttaa ttgactgtg acaatcagca tctcaatatat acatatatca 165540  
 aatcatcaca tttaaccttc tgaataagaa actttgattt gtcaatcaaa ttttttaaaa 165600  
 cgaaaataaa cttataattat atatagcata caggaaaaaa ttctgtatc cgaatgatac 165660  
 agaaaatttc atgtataaaa cactttaaaa tagcatcaaa acttaatac aaaggctggg 165720  
 tgataaattc catctgttga aacccccagg tagcatcaaa acttaatac aaaggctggg 165780  
 ttttcaacct ttgtaccagg aacaagacaa agatgctctg ttttgcaact tccattttag 165840  
 cttgtactga gtttctgtgt agggcaatta tccctgaaaa agaaaataaa ggcttccaaa 165900  
 taaaaagaa agtaaaaacta tctctactcg ctcatgacat gatcttgcatt atagaaaaatg 165960  
 tgccacatgta cacacacaca aaccattaga actaataaac aagttagca agtttgcaga 166020  
 atataaaatg aatgtacaaa aatcaagtgt tttctatat actagcaatt aacaattcca 166080  
 aaatgaatta aaattccatt tacaataagta tcaaacataa attattttaga aataaaaagt 166140  
 gactgaaaaa ctacaaaaaa ttttgaataa aatcagaaaa gatttaagta aatggtacac 166200  
 ttgaaacctg gaagcagagg ttgcagtggt cagagattgt accactgcac tttagcctgg 166260  
 gcaacagcgg gagaactcaa agagtgcgaa agaaaagaaa agatttaaat aagctgaaac 166320  
 atattctatg gatcagaaga cttaaatattg ttaaagttag aatatctccc aaattgactc 166380  
 acagcttcaa ctcaacctcc atcaaaaatc ttgtgctgct tagctgaagc attgcaagc 166440  
 tgattctata atttatattg aatctcaaa gatccagaat aacccaaaaa atattgaaaa 166500  
 ataaagacaa ataaagacaa attaacattt tccaatttca aaacttaacta tagcaactgg 166560  
 gtaatcaagc agtgtgggac ttgtatagcat gtacattaca gatcagtgga ctagaatcaa 166620  
 tgtccagaaa taacacctta tttttataat gaattacttt ttaataaggt gtcaagacaa 166680  
 cgcaattggg aagaataaat gaattcaaca aatgatgcatt agacaaccgg catgtcaact 166740  
 gcaacacaaat gaatttgaat tcttctatcg ctccatgcatt aaaaactaac tcaaaattgg 166800  
 tcaaggatgt aatgtaaaag ctaaaactat aataatccta gaggaaaacc tagagtgtaa 166860  
 tctttaaagt gttattgtag cgagtggttt ctacagatag accccaaaat cacaagcgac 166920  
 aaaaagaatt ggacttaag ttaaatactt ttgtcttcta aacatcatca aacaagttaa 166980  
 aacacacacc gcagaagcaa taaaatgtc ttgtaagtcat gtatccgatt agagacttct 167040  
 atccagatga tataataaat gcaattcaat gataaaaaag ataaaatagc cagttttcca 167100  
 aagagtcaag catctgaata tcatctctc caaaaataca cagatatcca caaagcatgt 167160  
 gaaaagatgt tcaaaagccat ttgocagggt cacaacacca agacagtagt agggagtagt 167220  
 acagggactc tgcgtcttca cagacatgaa cggttgggtg gaattgagc agccgccttt 167280  
 ggggacttca catcccgcga gccccacgca cggtagctga ttggtttaa ttgctgaga 167340  
 tcaataacag cgactgtgtg ccctgcagac cggctcgtgc cggcggggct gggagaggcg 167400  
 ggggccagga gtggggcgga acctgggggt caggcccccag ccgggggag cggccacga 167460

10071411.020702  
 20071411.020702

```

gcgcgcgaaa cctctccac acccttccag gcatttgccc gcgcgcatcc agagagccga 167520
cccgtgaccc ctgggctccc ctgacagccc ccgatgtccc tcccgctcgc 167580
ctccgcgcac cactggcgcat ctctggcgctt ggcgcgcgtc ctggcccccg 167640
ccaggagccg caggtccagc cagtgaagaa gccgcgcgtc aaggagcctc tgtgtccagc 167700
aatccatcct cagtatcgca cctccctccg gctgggtggg cctccctccg gaagcccttc tgattctctc 167760
atgggtcgct cttcctctgc agactcccgc agcacccctg ctccaagtac cgcgaagtgc 167820
actgaagact tggggagagc agaggctgtg cctagatttg tagggagtcc ccgcagctcc 167880
accccagggc ctacaggagc ctggccttgg gcgaagccga ggcaggcagg caggggcaaa 167940
gggtgaagca attcaggaga gaacgagtga acgaatggat gagggggtgc agccagaggtt 168000
gcccagaatc cctggctcga gccacagaca cctcgctgag gagagaccca ggcagagggc 168060
ccctgccccc ccgagagcga ggtcccgcgc agtgcggccc gcgtgaagag tgggagagaa 168120
tactgcgggg gcggcgggcg gggcgggggc gggcgggggc gcgcgcggga ccttgagacc 168180
agaccggggc gggcgggcac cgggcagggc acagtggggg agggaggtgc gggctgagcg 168240
accctgaccc ccccagctcc gcgctggttc cgg

```

```

<210> 3
<211> 2497
<212> DNA
<213> Homo sapiens

```

```

<400> 3
gggcgcgcag gctccccgcc gctcgtgct cccgcgcgcg cgccatgccc tccctacacg 60
tcacccgtgg cactggcgagc cagtgggttc cgggcactga cgactacatc tacctcagcc 120
tcgtgggctc ggcgggtgct agcgagaagc acctgctgga caagcccttc tacacagcat 180
tcgaggtgct gcgctgggat tcatacagac tgactgtgga cgaggaaact ggcgagatcc 240
agctggtcag aatcgagaga cgcaagtact ggctgaatga cgaactgttat ctgaagtaca 300
tcacgctgaa gacgccccac ggggactaca tcgagtctcc cgtgtaccgc tggatcacgc 360
gcgagtgcga ggtgtctctc agggactggac gcgcgaagtt ggcocagatg gatccaatc 420
actttctcga gcaaacaccga cgtaaagaac tggaaacacg gcaaaaacac tctcagatga 480
tggagtggaa cctctggctc cctttgagca tcgatgccaa atgcaccaag gattacccc 540
gtgatalcca gtttgatagt gaaaaagggag tggactttgt tctgaattac tccaaagaga 600
tggagaacct gttcatcaac cgtctcatgc acatgttcca gtctcttgg aatgacttgc 660
ccgactttga gaaaatcttt gtcaagatca gcaacactat ttctgagggg gtcgatgaac 720
actggcagga agacctgatg ttgggtacc agtctctgaa tggctgcaac cctgtgttga 780
tcggcgctgc cacagagctg cccgagaagc tcccggtgac cagcgagatg gtgagtgca 840
gcttggagcg gcagctcagc ttggagcagg aggtccagca agggaaacatt ttcatcgtgg 900
actttgagct ccttgatggc atcgatgcca acaaaacaga cccctgcaca cctcagttcc 960
tggcgcctcc catctgcttg ctgataaaga acctggccaa caagattgtc cccattgcca 1020
tccagctcaa ccaaaatccc ggagatgaga acctatttt cctcccttcg ctgcacaaat 1080
acgactggctc ttggccaaaa atctgggtgc gttccagatga cttccagcca caccagacca 1140
tcacccacctc tctgcgaaca catctggtgt ctagggtttt tggcattgca atgtaccgcg 1200
agctgcagctg tgtgcacccc attttcaagc tgcgtgggct acacgtgaga ttgaccattg 1260
caatcaaacac caagcccgct gagcagctca tctgcgagtg tggcctcttt gacaaggcca 1320
acgcccacagc gggcggtggg cacgtgcaga tgggtgcagc ggccatgacc gacctgacct 1380
atgcctccct gtgcttccc gaggccatca aggcocgggg cactggagagc aaagaagaca 1440
tcacctacta cttctaccgg gacgacgggc tctgtgtgtg ggaagccact aggcagttca 1500
cgcccgaggt tactacgagg tactacgagg gcgacagagt ggtggaggag gaacccggagc 1560
tgcaggactt cgtgaacgat gtctacgtgt acggcatgog gggcgccaag tctcaggtct 1620
tccccaaagt cgtcaaggag cgggagcagc tgtcaggatga cctgagagta ctgaccattg 1680
ccgctccgcg ccgaacagcc cgggtcaact tcggccagta cgaactggctc tctgtgatcc 1740
ccaattccgc ccaaacccat gcagcccccgc cacgcactgc caagggtgtg gtgacattg 1800
agcagatagt gcacacagct ccgcacccgc gccgcctcgt ctggcatctg ggtgcagttg 1860
gggcgctgag ccagttccag gaaaacgagc tgttctggg catgtacca gaagagcatt 1920
ttatcgagaa cctgtgtaag gaagccatgg cccgactccg caagaacctc gaggccattg 1980
tcagcgtgat tgcgtgcgc aacaagaaga agcagctgc atattacact ttgtcccaag 2040
acgggattcc gaacagtgtg gccatctgag cacactgcca gtctcactgt gggaaagcca 2100
gctgcctccg ccagatggac tcacagctgc ctggcaggct gtctggccag gcctctgtgg 2160
gtgcacatct cctcctccga ggccagtaac ttctattga ttcttgagaa 2220
tgcatagatt gtatcaaaat gtaaacacca tagggaccga ttctacacag agcaggactg 2280

```

10071411.020702



cacaggcgctc ctgtccacac ccagctcagc atttccacac caagcagcaa cagcaaatca 2340  
 cgaccactga tagatgtcta ttcttgttgg agacatggga tgattatttt ctgttctatt 2400  
 tgtgcttagt ccaattccct gcacatagta ggtaccocat tcaattacta ttgaatgaat 2460  
 taagaattgg ttgccataaa aataaatcag ttcattt 2497

<210> 4  
 <211> 21  
 <212> DNA  
 <213> Homo sapiens

<400> 4  
 aggagcgcg c gaaaccttct c 21

<210> 5  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 5  
 tggacttaaa tacttttgtg 20

<210> 6  
 <211> 21  
 <212> DNA  
 <213> Homo sapiens

<400> 6  
 tcatgtatcc gattagagac t 21

<210> 7  
 <211> 21  
 <212> DNA  
 <213> Homo sapiens

<400> 7  
 acttactata gcactgcggt a 21

<210> 8  
 <211> 21  
 <212> DNA  
 <213> Homo sapiens

<400> 8  
 ttacagatca gtggactaga a 21

<210> 9  
 <211> 18  
 <212> DNA  
 <213> Homo sapiens

<400> 9  
 gggccaggga ccagtgg 18

<210> 10  
 <211> 18  
 <212> DNA  
 <213> Homo sapiens

<400> 10  
 aaccgggtcc cggacgca 18

10071411.020702

<210> 11  
 <211> 19  
 <212> DNA  
 <213> Homo sapiens

<400> 11  
 aggtctcagga gaccacgca 19

<210> 12  
 <211> 16  
 <212> DNA  
 <213> Homo sapiens

<400> 12  
 tcccgccct gcacag 16

<210> 13  
 <211> 24  
 <212> DNA  
 <213> Homo sapiens

<400> 13  
 cattgggcat tggtattgt cttc 24

<210> 14  
 <211> 25  
 <212> DNA  
 <213> Homo sapiens

<400> 14  
 agttgttaggt aaggtgaagt ttggg 25

<210> 15  
 <211> 19  
 <212> DNA  
 <213> Homo sapiens

<400> 15  
 tcgtctgaca gtgtgggcg 19

<210> 16  
 <211> 22  
 <212> DNA  
 <213> Homo sapiens

<400> 16  
 ccatgaggaa aggagtgagg gt 22

<210> 17  
 <211> 19  
 <212> DNA  
 <213> Homo sapiens

<400> 17  
 tgggtgtgaag gggctctgc 19

<210> 18  
 <211> 25  
 <212> DNA  
 <213> Homo sapiens

20071111 020702

<400> 18 25  
 aagtatcaga caggagagca gcatc  
  
 <210> 19  
 <211> 21  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 19 21  
 gcctcgcttt tctcctggta g  
  
 <210> 20  
 <211> 19  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 20 19  
 ccacttcccc agcccatca  
  
 <210> 21  
 <211> 22  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 21 22  
 gatttttggt ccgtctgctg ag  
  
 <210> 22  
 <211> 18  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 22 18  
 gaaagggtgtg cccccag  
  
 <210> 23  
 <211> 22  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 23 22  
 tttcctttcc cccaatgtat ca  
  
 <210> 24  
 <211> 18  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 24 18  
 gggcggtagc tggctgta  
  
 <210> 25  
 <211> 18  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 25 18  
 gagctgcggg tccctgag  
  
 <210> 26  
 <211> 20

10071441.020702

<212> DNA  
<213> Homo sapiens

<400> 26  
agataggaggag tgaaggcggc

20

<210> 27  
<211> 18  
<212> DNA  
<213> Homo sapiens

<400> 27  
agccacccgc tcagggca

18

<210> 28  
<211> 17  
<212> DNA  
<213> Homo sapiens

<400> 28  
aggcaggggt cccggct

17

<210> 29  
<211> 17  
<212> DNA  
<213> Homo sapiens

<400> 29  
tccgcagacc tggctgg

17

<210> 30  
<211> 16  
<212> DNA  
<213> Homo sapiens

<400> 30  
gaggggtggc ggaggg

16

<210> 31  
<211> 18  
<212> DNA  
<213> Homo sapiens

<400> 31  
ccggtgggtc caccctag

18

<210> 32  
<211> 19  
<212> DNA  
<213> Homo sapiens

<400> 32  
gggaggaggc agcggcctt

19

<210> 33  
<211> 17  
<212> DNA  
<213> Homo sapiens

<400> 33  
tgctggcggt cgtctcc

17

10071441.020702

<210> 34  
 <211> 16  
 <212> DNA  
 <213> Homo sapiens

<400> 34  
 cgccctgccc agcttc

16

<210> 35  
 <211> 28  
 <212> DNA  
 <213> Homo sapiens

<400> 35  
 tgggatgatt attttctggt ctatttgt

28

<210> 36  
 <211> 25  
 <212> DNA  
 <213> Homo sapiens

<400> 36  
 gagtagacac tgcttgaggg aaaaa

25

<210> 37  
 <211> 18  
 <212> DNA  
 <213> Homo sapiens

<400> 37  
 gcgtctgtgc cacaccca

18

<210> 38  
 <211> 26  
 <212> DNA  
 <213> Homo sapiens

<400> 38  
 tgaactgatt tatttttatg gcaacc

26

<210> 39  
 <211> 18  
 <212> DNA  
 <213> Homo sapiens

<400> 39  
 gcccgattcc gcaagaac

18

<210> 40  
 <211> 24  
 <212> DNA  
 <213> Homo sapiens

<400> 40  
 gaggaagaga tgtgactgcc aaga

24

<210> 41  
 <211> 25  
 <212> DNA  
 <213> Homo sapiens

10071441.020702

<400> 41  
 cagtttacac gggtagtgga ttgac 25  
  
 <210> 42  
 <211> 23  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 42 23  
 gaagagatgt gactgccaag agg  
  
 <210> 43  
 <211> 23  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 43 23  
 cctcttggca gtcacatctc ttc  
  
 <210> 44  
 <211> 28  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 44 28  
 acaaatagaa cagaaaaataa tcattccca  
  
 <210> 45  
 <211> 23  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 45 23  
 ctaactcaaa atgggtcacg gat  
  
 <210> 46  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 46 20  
 attgcttctg cgggttggtg  
  
 <210> 47  
 <211> 18  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 47 18  
 gagagccgac ccgtgacc  
  
 <210> 48  
 <211> 24  
 <212> DNA  
 <213> Homo sapiens  
  
 <400> 48 24  
 gctgatactg aggatggatt ctgg  
  
 <210> 49

10071441.020702  
 20020201.1441.001

<211> 21  
 <212> DNA  
 <213> Homo sapiens

<400> 49 21  
 tgaaaacaca acccgagaa g

<210> 50  
 <211> 19  
 <212> DNA  
 <213> Homo sapiens

<400> 50 19  
 tgcacctggc aaatggctt

<210> 51  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 51 20  
 aaagaacagc gttggtggat

<210> 52  
 <211> 22  
 <212> DNA  
 <213> Homo sapiens

<400> 52 22  
 caaattcatt gtgtgcatg tg

<210> 53  
 <211> 24  
 <212> DNA  
 <213> Homo sapiens

<400> 53 24  
 aacttagccg agatcaatac acgc

<210> 54  
 <211> 19  
 <212> DNA  
 <213> Homo sapiens

<400> 54 19  
 gcaaatgcct ggaagggtg

<210> 55  
 <211> 24  
 <212> DNA  
 <213> Homo sapiens

<400> 55 24  
 gcacaaaacc aagacagtat gagg

<210> 56  
 <211> 18  
 <212> DNA  
 <213> Homo sapiens

<400> 56

1007444.020702

cggcgggggat gtgaagtc 18

<210> 57  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 57 20  
 tggcactgag aacttgggga

<210> 58  
 <211> 18  
 <212> DNA  
 <213> Homo sapiens

<400> 58 18  
 actggggcaa cctcggct

<210> 59  
 <211> 24  
 <212> DNA  
 <213> Homo sapiens

<400> 59 24  
 gtcacagaat ccatoctcag tatc

<210> 60  
 <211> 21  
 <212> DNA  
 <213> Homo sapiens

<400> 60 21  
 gcctctgctc tccccaagtt c

<210> 61  
 <211> 6  
 <212> DNA  
 <213> Homo sapiens

<400> 61 6  
 ggcggg

<210> 62  
 <211> 6  
 <212> DNA  
 <213> Homo sapiens

<400> 62 6  
 gttaaa

<210> 63  
 <211> 168174  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc feature  
 <222> (1)...(168174)  
 <223> n = A,T,C or G

<400> 63

10071441.020702



ttgcacgctn ctcagccccc gctgtactat tgggtctaac gtgccatcgt ggtttgtctgc 60  
 acccatcaac ccacatctcta ccttaggat tctctctaact gctctcttct cccttggccc 120  
 ccacccctcta acagcccccgt ttgtgtgat ttgacctccc ttgtgtcaat ttgtgtcatt 180  
 gtaccaactcc tgccttatgag tgacaacatc tctgtctctgt tctgtctctgt gttagtgttc 240  
 tgagatgatg ggttcccatc ttcaccccttg tacctgcaaa ggacatgaac tcatccttta 300  
 atatggctgc tttagaatccc acagtataga ttgtccctcat tttctttatc cagactatca 360  
 ttgatgggca ttgtgggttg atccaagact ttgctattgt gaacagtgat tcaataaaca 420  
 tacgagtgca ttgtctctta tggatgaatg attgataatc ctttgggcat ataccacata 480  
 atgggattgc tggacctaat ggtttgctg gatcctgato cttgaggaat caccacaact 540  
 tcttaacagt taaaagtgct tctatatata cctatccccc ccagcatctg ttatttactg 600  
 acctcttaat catcaacact cttactggag agagaagggt taattaccac taatgacgag 660  
 cctttaacta aattgttgtt ggacccctcc caacttactt cggaagggtt cttatgtaaa 720  
 cttacgcccac cttttgatgg ggacgttttt ctcgtttatc cgcaaaagatc ctgggggacc 780  
 ccttttttta actcttttga agacogttat atctgaacaa ttctctccat accgagaggt 840  
 ggccgggttg aaaccttgaa agttctcttt tttttttggg gccctctagt ttcacaaaaa 900  
 tcccttcgga ccaatttgcc ttttgggtgc aaggaatttt ttctcccat accgagaggt 960  
 tttttccagg ggccacacag tttagtgccc tctcccgaaa tttttctcct gggtatccaa 1020  
 tggttatgga aaaaaaatg gggaattttt tbaaacctcc aaggaatttt ttttatagaga 1080  
 taaggccggt tctcattttnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1140  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1200  
 ggtcttcagc ccgtgggtgaa gactgattaa cagtataag aaggttaaag tctaatgtac 1260  
 ctgtatagaaa catcacgctc cacacaatta ggcaaggagt ccaacttgga agaaagagtg 1320  
 gcatagattc aaacctgat gccacaactt atgttaaacc ccttgaggct agactcttca 1380  
 cacatgacag gagaatctca tcatgtacct caattaattg atatacagat tatggttaac 1440  
 attcaatgat aagatttgta aagtttctat cattctacta cttcttgatg tccacaagt 1500  
 ccactttatt cactttctgt taagcctgaa agaagtactg aatgacatca acgagtgcac 1560  
 ttccacaaat ataatttgag cactgattac tcaataagca tatgtaggaa tcaagaatatt 1620  
 atcgacaaat gatgctgac atagaggaaa ttgtgacagag taggaagatc cctgtactcc 1680  
 ctgtatcaaa ggaactgagat tcttccactc aggcacatgt taggcccaca cagaagatag 1740  
 aaattttacag aagataacct ggcaaaacac ccaaatagtt tgaagttaaa aatatatcct 1800  
 ctgaataaac cccatgtgaa atttttaaag attataatg gaattatctg gaaaacatatt 1860  
 aaccataaaca aaaatttgtag gatcacaggaa aactggtgct catatagcat taactgttta 1920  
 cattacatt ttgagaacta acttaattca attatctaa ttcttattt agaaaactat 1980  
 gtaaaaaaag tagagcatat ttaaaaagta agcagaagaa caaaagataa gcatgacaga 2040  
 caatgaaatt gaataatgga aaatcataga gaagaatcaa atgaatcaaa agtagttctt 2100  
 tggaaaagat caataaataa aattgggtga tataattttac tgatatagg agtgggaaag 2160  
 ataactcagt atcatagatc catgatgaac aagctttatt caataaatta ataaactcag 2220  
 caacttcaac aaaaatggaca gattacttgg aagacaccaa ttaccaagg tcaaaaaaag 2280  
 agaattctaa tagtctcata ttatgaaaaa atggttttcc aactgaattt gtatttaaaa 2340  
 actttgccac aaagaaaatt ttaggttcag atgggtttcc taataaattt ttccattata 2400  
 gtaagaatca tatcaattct acacaaactc attcaaaaaa aaaggagaga gaatacttta 2460  
 caacacgttc tgcaaggctca gtattaccct gatcacaaaa caaaggatga tcatcaaaaa 2520  
 cgacacccaat atcttctagt aacatagatt cttcaccacg gggtctggaag gatccggnnn 2580  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 2640  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 2700  
 gaattataaga gattaggctc cagcgtgttc tactccaact ttatttgcct tctgagcatc 2760  
 taattccact ttgcaaaaat gacatttttt ttccctcttg agagtcagga aattaccagg 2820  
 ttgtgcagga tatcacttag taataatcac aaaaatcacg aataaaaaaa ttgtagtaac 2880  
 ttttccagtg gttgtttata tgccttttgt tgcatagcat gagccaagg gagataaaaa 2940  
 tttgtggctc cagatagtga ctcaatctcc agaatcata atgtcagtta cacaatgata 3000  
 ttctctatatt cagatccaca aataatccac ttgtctatgg ataatgtct tagatgagga 3060  
 catgagagct tgcgtgaggaa tctgccattt tctctttatc agactctgtc tcatccagac 3120  
 cacagccccc atcattgttc tatcaaaaaa catgcttgtg tctcttttgg cttactatga 3180  
 aaggagaagca gatcttttcc tcaagcattt aagtgttgac ttgtgggcat ccagtgtgct 3240  
 agacactgng gatcaaatcc tgtgaggtta aaaaatcccc ataacctcac ggatagaaaa 3300  
 tcaaaatgct cgtctgtgtt attctatgat caacttccaa ggggaccttt ntactcctca 3360  
 tcttcatcag cagcaactca cattgatttt gtgcccag agctattccc acgtcaacgg 3420  
 tgggtttcaa atgtttgtct gatctcaatg gctctttaag ccaactaaccc aatatgttgc 3480  
 tttttaccag ttaaaaaagt catctgggga ataatgtgtt gtttcagcca 3540  
 gccatagat ccctccagag accccaggct taggaggaaat gctcagattt ggtagccact 3600  
 gtctctgatg atgcagatag cacagctctt cctgaaaaata ggaattccaa tgagggaaaa 3660

10071441.020702

tgaaaaactct	cctaattatt	ttcttctgcc	tctttcattc	caagctcacc	taattatcat	3720
gctctattgt	gaagaatcaa	agaaagaact	cataaatata	ccttttgggc	ctgtattttg	3780
aattgacgtt	gtgcgatgtaa	gcctttgtgg	ttaagcaaat	tcctagatcc	tcctagctcc	3840
cattgcttac	agtcacatag	gggcaattca	agcaaatgat	atgcctctaa	tatggtttga	3900
aaattctgaa	agttcagaaa	aaatgttgct	acttcagcca	ctctgatgta	ctggatattg	3960
agatagagac	ctctctctcc	tctgttttcc	tcatttccat	ctctctctcc	ctctttctcc	4020
ttctctctcc	ttctttattt	ttctctctcc	ttctctctcc	ccatgcttac	ttctctctcc	4080
ttctctctcc	ttctctctcc	ttctctctcc	ttctctctcc	ttctctctcc	ttctctctcc	4140
ctctctctcc	ttctctctcc	ttctctctcc	ttctctctcc	ttctctctcc	ttctctctcc	4200
ttttctcata	ttcccagatt	aggccatttt	caaaactggg	taaacattcc	ccaaaagcat	4260
ttatgacaga	gaattgacta	ggatctcacc	tgaatcacag	agcttgccca	ttgaaacacg	4320
gcgaagatca	agccattttc	ttctgtatgt	atgcttcagc	atgttttgca	tttgaaacaa	4380
attttatgta	aaaaaaagct	tagccctttg	gtgcagggga	ttctttttct	ggatgatctg	4440
ccaaagaatc	aagaccacca	gtccagctta	tcaaattttc	ttctggacct	tannnnnnnn	4500
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	4560
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	4620
aaagtattgt	tttccaattc	tgtgaagaat	gtcatttgga	gcttgatggg	tagggcactg	4680
aagattttct	tcaatttttat	gaactgcata	cattccatgg	agtatattga	ccacattttc	4740
tttatccaat	tcactgtgtg	tgggcaccta	ggtcaattcc	atgactttgc	tgttgtgaaat	4800
agtaatgcaa	tgaactgtgt	agtgcattgt	ttcttttgga	ggaataaatt	gtttctcttt	4860
ggatatatac	ccagtaaatg	gggtgctggg	ccaaatggga	gttctgtttt	aagtctttgt	4920
agaaattctc	aaactgcttt	ccacagaggg	tgaactaatt	gacattccca	ctgcacatga	4980
ttgagcaatt	cttttctctc	cagctccacc	aacatctgtt	gtcttctgac	tttttgatga	5040
tagccattct	gatgtgtgag	atggtagccc	atgggggttt	cttttttttt	tttttaagaca	5100
gagtcctcac	gtgtccacta	ggctgtggca	caatgttgcc	ctctgcctcc	ctctgcctcc	5160
tggtgtcaag	tgtattctct	acctcagcct	actgagaagg	taggggtaca	ggcacctgcc	5220
accacaccaa	gcataatttg	gtatttttgg	tagagacagg	attgtgacag	attgtgacag	5280
ctgtctctca	actcctcagc	tcagggtgac	caactgcctc	ggcttcccaa	agtgtcggga	5340
ctgtctcgtg	tagctacacat	gggtgggttt	tgaactgcat	ttctctgatg	agtgtcgtgt	5400
atgatccttt	tttcaatact	ttgttgccca	cttgtatgtc	ttcttttgag	aagtgtcgtg	5460
tcatatcttt	tgcccatttt	tcaatgggtg	tgttttttcc	ttgtccactg	tttttaagtta	5520
tttatagatt	tgcttatatta	gtccttttgt	gggtgcataa	tttgccaaat	ttttatctca	5580
ttctgtagg	atctgttgat	atctgttgat	agtgctcttt	ctgtacacaga	agttgttcca	5640
tttaattagg	ttctcactgt	caattttctg	ttttgttgta	attgtctttg	aggacttaat	5700
cataaattct	ttcccagaag	ccatgtccag	aattgtgttt	ctgagatttt	cttctaggat	5760
ttcttttact	caaaggtotta	tatttaaatc	tttaatccat	ctggagttaa	tttttgatgt	5820
tgccaaaggt	taggtgtctt	gttttatatt	ttctgcatag	gctagtccag	tatcccagga	5880
ccattcattc	actaggggat	cttttcccca	ttgttttact	ttggccaaat	tgtccaaagt	5940
tagatggctg	taagtgtgca	gatttatctc	tcagctctct	attctgttca	actggtgtag	6000
gtatctgttt	tcgtactagc	acoatgctgt	ttgtgttact	gtagtcttat	tagtatagtt	6060
tgaagccagg	taagtgtgat	ctctgtgctt	tggttttttt	gcttaggatt	gctttttggg	6120
ctctctctgt	ttgtgtgtcc	atatgaattt	taggacactt	ttttccaaat	ctataaaaaa	6180
atgacattgg	tagttttgta	ataatagcat	tgaattctga	gatagattgt	tttgccagat	6240
atggccattt	taatgatatt	gattottcca	atccctgagc	atggaattgt	tttccattta	6300
tttgtgtctc	ctctgatttc	tttttagcag	gttttaagt	ttctctgtga	gagatctttc	6360
acctctctgg	tttagctgtt	ttctaggtat	tttaattttt	tggtctttgt	taagtgggat	6420
tgcaagctgt	aattgtgtct	tagoctgaat	gttattgtgt	tatagaaata	ctactaattt	6480
ttgtccatca	ttttgtatcc	tgaaagctcc	ctgagtcaat	tgtaaatcc	cagagctttt	6540
gtggagctct	taggtttttc	attttttaga	ttctattctc	ccaaagagaa	ataactttcc	6600
ctctcttttc	ctaattggac	ccctttattt	attccctttc	ccaaagctgt	gaaagccctt	6660
ccatactttt	ttaaaaagaa	cgtggaaaaa	ggcccttttc	ttattctcgt	ttaaagggaac	6720
cttccatttt	cgctgtcaaa	tggnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	6780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	6840
nnntttgttg	ggaattatcc	gtgcttatto	ctcttcagga	gtttttattc	ttccaaaaat	6900
cagcttttca	ttctctctgc	ttttttcttc	tgtagccaat	gctccagacc	ttctcatgtt	6960
gggtgcggtaa	gotagacatt	tttagtttgt	agtgtattgt	ttctgtttgt	tttgtatgtt	7020
tttgtccoca	tagtccactc	tgtaattgtc	gtttctgagt	ttctttggg	gggataaacc	7080
tgccactgaa	gtgtcagctt	ccctgtcatg	ggactgtcct	tggaaatgaca	ggttttctct	7140
ccacccatag	atctgccact	gtgaaggaga	tgtatgagag	ccctctgatca	ccccctgcca	7200
ctgcacagga	ggctccactc	tcgtgcacca	ggctgtcgtg	cagcagtgat	tcaagagctc	7260
cgacacagcg	tgtctcgagc	tgtcgaagta	tgtattcacc	atggaagacca	agctgaagcc	7320

10071411.020702

actgagaaaa gtacgtggga ggaagggatg cttcacccctt cgtgaaacca gtgaccccca 7380  
 gaaagctggt gtctcagatc atgaggtcat ggcttgccctg cgttcatcttc cttaaaaaagc 7440  
 tggggctggt gcttcacattt gcaattgtaga gattgtgttt tctggctggtg atttccaagt 7500  
 cctctctctc aggaagaagc tctttctgac catctcaaat ccttcttttc ccttcaaaagt 7560  
 aagactgctt gcttctcggt gtcagtcctc tggcctttga ctacagactgt tttgtgacat 7620  
 atctttagcat ctaattttat acatattaac tgtttgacgtc ctgctctctt gatttaggact 7680  
 gtctgttga gattagatc tcccagcac cagcacagt gtacatata gtaattttat 7740  
 ttgtatacac ccatgataac tatttgcgtg atgggagtg gtgtaggtg atagggaaaa 7800  
 gaaaggaagc aaaaacgttg cgtgatgtgc aactgtctc agaaaggacc cacaggcatt 7860  
 gcatgacagc cagctgtctg gaggcccatg tcactgtctc ctctgagagg acattgtctc 7920  
 gccacatgtt cctctcgttt aaattttgac tgtttcatat atctctctat aatgccagca 7980  
 caaaaggttt ttctctggaag aataaaaaac tgttctctc tcagaaacag aatatataaa 8040  
 ttgcaagata agtcacataa tcaataacta gccaatataa tgcataaagg tgtgctggta 8100  
 gagcataaca gtctctcaga aaaggaaatg ctcatatga gctagagtgc tggggaaagt 8160  
 gagcgatggt agcctcatag ggtgtttggg ttttagagca gttcttgaag gatcactagg 8220  
 atttggaggc agagtgcag gagtttagag aggtcaggtc gtctgtggag taaagcatc 8280  
 cctagaaaagc tgaaggtgaa cattgacagg gtgtcaagct acgtgcgtgt taggaaagat 8340  
 caggggaggg gggccactga ggcactgact ctgtattata ggttagaaga ccagggaagt 8400  
 tcttagtgta taattcccca gcagaaaaac accagattta gagaaggctt gtgcaaatg 8460  
 cttaaaaaaa gtttttgccc agtagaaaao ttgtaattta ttgggtgctc actctagctc 8520  
 aatctctcaa catgggaagt ccttgaggct ctattttcaa ctaccctgca tagactctc 8580  
 tggaaagagg cgtgtgactg ggttggcaaa ggalatgtgc agagtgttta cacattgttc 8640  
 ttctctctca cctttatgtg tttctctcgt atctggaaac cagtataatga aaaaagaaagt 8700  
 ctgctctatt ggagttaatt aatgagctcc tagaggagat gggactagca gagtctgctt 8760  
 tgcacaggaa cctcttagct cgtttctgac ctgtttgctc taggaataga agagcaaaag 8820  
 agtgcagctc ttctgcattc caacctcaca atgtagtgtg accactctgc ttgtgtgtt 8880  
 tggcatctca aacctctctc ttccgctcgt ccatgccagt cagacatca gtaggactta 8940  
 aaaactagta cctgggtctc gggccacaat actgttttca taggactgca aatcatagaa 9000  
 tcttttataa gccactctta tgtctgctgt cagaataaag caagacactga gatttttgat 9060  
 ggtagtttgt cattcatctt gatcctggct tcttttoatt gcatagaaaag ttgctgtgac 9120  
 tttgtacctg tttggaagca agtgggttta ggagaacaat aacttacct actcatctag 9180  
 tttgggaagg gagaagtggt gtgaaagccc aacttacct actcaactg ctctcaccoc 9240  
 accggagccc ttcccacaaa gctgagcct cacactctg ttgttttct tagtgggaga 9300  
 agttgcagat gaactccagc gaggcagga agatcatgtg ctcaagtga cttccagctca 9360  
 ttgcatcatc atgtgtggtc tggctcctgt atgtgctcat tgaccgtact gctggggaga 9420  
 tcaagcaggg gcaggcaaca ggtgagttct caggctggag caagctcagc gctggggcgg 9480  
 ggtatgctca caggagctct ggggtcagag gattttccag tttagccaaaa acgtctgggt 9540  
 ttcgggagga gggacatcag ttaggaggca ctgacctct ttttggcatt tttttgtctg 9600  
 tgggtgtagt ttttgaaccc cagtcaggag agttcatatt ctggagcatg agaattctcg 9660  
 caaactacat cctataaaag ctggacactg ctggacactg tcttccactc tcttttgatc 9720  
 gagaacattt ggtatgagtg tgaatccatt ggtcagtggt gcaggcttgt ggtccccaga 9780  
 tacttgagtc tgagggtgag aggtattgct aggtccagga gcttcaaggct gtagtgtgc 9840  
 atgatacaac ctgtgaatag ccactgcact ccagcgtggg caaatcagca agactccatc 9900  
 tcttaaaaaa caacaaacac aacaaaggct ttccaccagg atctgcctag gctcagagag 9960  
 tgggtctaca agannnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 10020  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnngagttg 10080  
 acttcaacccc gtggtgaaga tggcgacagc actggcgctt cctacggcgcg cttcaactgga 10140  
 aagcgccctc gtgctctggg ggagagggcg gctccatccg caaccccttc cggagagttg 10200  
 cccggccatt cctctccggg gaaatcgag ggcgtgtgag cccccgaccc ctgcgcccca 10260  
 cctctgcagc gccgggcgcg atttctgcac tgtcccgccc caactgggaag gaaactctct 10320  
 ttctcaattt gacttaatga ggaactgtc tttccagccc tgccaccccc tgcgaatcgtc 10380  
 ttccaggctg caaacacgca gtggggaggt gaacacatca gcttttcttc cctccaaacc 10440  
 accaggaat ttcgcaaaac acttgctctc cggcgcgctg gctctgcac actctgtccc 10500  
 acagctctc tcogctgcag cccctgtgct cattctccag gcccacagta cctctgctgt 10560  
 ggcccagta gccctggtca gatggccccc gatggccccc cctctcgtgg ccccatcaga 10620  
 gaggacgccc aggtgaagcg aggtgccctg gccaccctg caagcgcagc ggcctctcca 10680  
 agagtgcgc cctagcgagg tgtgtgatg tggagaagcg gtcccagagc gctgaacca 10740  
 agaattggga agacaaaggg tctcttttag gagaaaattc cctgaggggc tgaatgtgtc 10800  
 gatccattt taactcaca accctgggga ggcagtgggg ccgggtctca ttgtctattt 10860  
 gaggacacgg aggtccagg aacttagacg actttcctag ggtcccccac acccccacgg 10920  
 gccacgggoc ctctccagg cacccctcat ccccacacag gctcctctaa gctgcttct 10980

20071111 020702  
 20071111 020702

tgtgtgctcag ccccttggc ttagctctct aaatacaggg acacctcttc tctccccgc 11040  
 agaactcaag ggtctccatc cactgtgcca gcacagaggc ggtgctcaga gtggggctaa 11100  
 gcttactgtc cagctgtctg ggccaggagg gcgcaagggg cccctctcag gattctcttg 11160  
 ctctgctctc gccaataggc catcactcaa ggggctaagt acaggacgat gtggagaaac 11220  
 gtgggtctga gcaactctgg ggccaagggc aggggtggcg gcactgggga gtacagggga 11280  
 ggggacctca ctggggccag aggtctctag aagctctctc aagaaggggc cctcaccoca 11340  
 tgtcttggcc aagaagtggg gaggggtggg gtggcaagg aaacagactg gtcagagaca 11400  
 agagattgtc tgcaaaagccc tgtcggctcc ccacggtgga gcatcctatg catgtaggac 11460  
 ctgagagatg gcaggggcgg gtgcgtccct atggatgtat ctcactttct ggccaagagc 11520  
 atctgggctc tcactgtcaa ttgagccaac caagaaatta tatttacttt tttagagcag 11580  
 cctccacaac attatcaga cacttgagaa taagccctcc cactgtcttg agagatggag 11640  
 cccaggaggc cagctggaaa gatgctctg cctcactca gcagagatgg ttgagctggg 11700  
 agaggaggag gcactccctg ggacccagca gatggacttg actcagacaa tagatgcaac 11760  
 catatgtggg ggggtgggag gccacagaag gcattacagg ccagtgtctc taatcctggc 11820  
 tatacactgg aatccaccag tagccctaaa atataactgt gctggacttc cctcgtttcc 11880  
 acagtttgtg cagagtgggc agcatggagt ctgtaacact aaacacacag gattgagac 11940  
 catatgtcta ggcctgtttt agccatgatg gggatacatg aaaaggaggt gcacagttac 12000  
 cttctatacc aacaggtaga tgcctattaa accctgttaa aatggactgt gaccoagctg 12060  
 gcaactcagg gcaactcagg gccagggtgg tcaacttttc attttaatag gattttaatg 12120  
 gcaccttatt gctagctggc gctaagatac agaggctcct gagatacaga gactgacaa 12180  
 accttcagaa acctgaaca gagataagaa aggcacagtc tggcctctac tcaacattta 12240  
 attcctccat ccatccatcc atccatctat ccatccatct cctgtctctc acttccatcc 12300  
 atccacccat catccacatc ccacccatac atccatccac cctctatcat atccatccat 12360  
 ctactactat gtactccatc catccatcca ccatccatga atccatccat ccttatctca 12420  
 atttctctat tatctctcca tccatccccc atccacctct ttctccatcc ccgtctcttc 12480  
 ctttccatca tctctctact atccatccct caaccctccc atgtgcctgt ccatcggttt 12540  
 gattgtccat tgcctcagta ttccctcatt cctcccaaac ttgggtggcg tactctccac 12600  
 ctactactct cccactccct attattccct ccaaaactgtc ctttccacaa gggcctctgt 12660  
 tccctgtcgt cccactccgt tctgggaact atcccaactaa agctacatgg cctttgacaa 12720  
 caatcccaat gccacagtag ggggaaggaa gtgagccctc aactgcccgt ttgtttccag 12780  
 ggaatgtggg gatactgtgt cattactaat ccagatgtta ggcaacaaac atgtctccca 12840  
 gttagcccca attgtgttag gagaaaaatg cccagcttta ggcacacccc agacctggat 12900  
 tcaaatctcg ttctgtccaa tttctgccta aatgacttta ggcaacactt ttgactctga 12960  
 ccccttggag aotcagtttc cctccactaga aatggtcaat aatattattt acctcccagg 13020  
 atggccatga agcttaaat agattattgt acccccacaa acacgcacac aatgtttaga 13080  
 aataaataat attattttaa gctttgaagt ctgggtgggt tctcagactt gctactctgc 13140  
 tgggtgtcga gactcaagg cagggtccca cctcataga ctgtcatctg tgggtgtggg 13200  
 gttggctgca tgcataagct cctcagagga ttctagggtg aaaaggaat 13260  
 gaaaactctt ggaccccaat tcaactctgc aaaagggaia aattaagctg aaagctgagt 13320  
 gatgcaagaa acgaagatag ctacagataa aaggtgaaaa cctccacagg tagctctggg 13380  
 tgtctcactt atcaagtgtc gatgtactaa ggcgaaggag aatacataac tgactattcc 13440  
 ctactcgtct ccttttctct tgcacactgt gattacagta acgtgaccaa gccctcctct 13500  
 tctctctccc agcctgttct ccttttaata ttgatgccct taagacacat tccgaaaaaa 13560  
 ggacagctgc accaactctt cctgtggatt ttgttctctt ttttctcttt atgtctttt 13620  
 tttttattat atacttttaa ttctaggata catgtgcaca acgtgcagga ttgtttacata 13680  
 tgtatacatg tgcacatgtg gtgtgcgcca cctaataact cctaatttagg tatattccct 13740  
 aatgctatcc ctccccctcc tccccccccc atgacaggcc ctggtgtgtg atgttccctc 13800  
 tctctgtctc aagttgtctc attgttcaat tcccacctat gagtgagaac atgcgggtgtt 13860  
 tggttttttg tcttctgcag agtttgtctga gaataatggt ttccagcttc atccatctcc 13920  
 gctcaaggga cattaaactca tcccttttta tggctgcata gtattccata gtgcatatgt 13980  
 gccacatttt cttaactccag atggacattt atggacattt ggggtgtgtc caagtctttg 14040  
 ctattgtgaa tagtgccaca ataaacatac gtgtgcatgt gtctttatag cagcatgatt 14100  
 tataactctt tgggttatata cccagataatg ggaatggctg tccaaatggg atttctagtt 14160  
 ctatgactct gaggaaatgt cacactgtct tccacaatgg ttgaactagt ttacagtccc 14220  
 accaaccagt taaaagtgtt cctactcttc cacactctct ccagcacctc ttgttctctg 14280  
 cttttttaa gattggcatt ctaactgggt taagatggta tctcattgtg gttttgattt 14340  
 cactttctct gattggccagt gatgatgagc atttctcat gctgcatatt gctgcatgaa 14400  
 tgtcttcttt tgagaagtgt ctgtcctaat cctttgccca ctttttgatg ggggtgtttt 14460  
 ttctctgtaa gtttttttga gttgttttga gattctggat atcagccttt ttccaagctga 14520  
 gtatgattga aaattttttt cccattctgt aggtgtcctg ttcactctga ttgtagtctc 14580  
 ttttgcctg cagaagctct ttagtttaat tagatcccat ttgtccattt tggcctttgt 14640

10071411.020702

tgccattgct tttggtgtt tagacatgaa gtccctggcc atgcctatgt cctgaatggt 14700  
 atgctcctgag ttttcttcta ggggttttat ggttttaggt ctacacattta agtattttaa 14760  
 coactctgaa tttatatttg tataaaggtg aaggaaggga tccagcttca gcttctctaca 14820  
 tatggctcagc cagtctctac ccggggctga aggtaccgct tnnnnnnnnn nnnnnnnnnn 14880  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 14940  
 nnnnnnnnnn nnnnnnnnnn nacaatgaga acacatggac acgggtgtgg ggggtatcac 15000  
 acactggggc ctgtggggtc atggggggct ggggagggat agcattaggg gaaataccta 15060  
 atgtagatga caggttgatg ggtgcaacaa accoaccatgg cacatgtata tctatgtaac 15120  
 aaactcgcaac atctgcacaa tgtaccocag aatttaaggt ataatagaa aataaaaaat 15180  
 aaataagtta aaagagatta aaaaaataaa agagaacatt tgccacattc agtcttctta 15240  
 gatggaaaga ggttgctgac atatgataga attagaaaa cacacatctt gttaaatcttc 15300  
 atttgtttaa atgaataacta tacaatttag atgttttttg gagatgactt tttaaatag 15360  
 agtcgttaga tcaactctgt aagggatatg tctatctctg ttccagtggt taggggacat 15420  
 ggatctggaa agcctgagaa gaaaaagaag gttctatacc agacttgtga tatttagaca 15480  
 ttttcatatt ctatccattg ttttgtgtgc attttattcc tcaactattgt atatatagtt 15540  
 gacaatgcta aacttttttg tgtattcttt ctatgtgttc cgaatgccta atatatgtca 15600  
 aaatttgctg tagtaaaaaa atatttttga aatatctttt tgcataaaat catatgaaat 15660  
 gttgtttcgg gagggaagtg gccaaactac ctgttgagta atactcatg tttgttgttc 15720  
 ctggttcagg ggaggagaa ggaggggaaa gtgcagagag ctctatgcc ctgtgtttac 15780  
 agtgaggcaa gattaaocat tatctcttat gtctgtgcat tttgtttctt ttatgtgttt 15840  
 atgtagtgt tataaaagac aaacgagctcc taatttcaaa catctagtct ttttagatgt 15900  
 taaagaggtt gccagtgat ataaaaagta gagtttagtaa actaatatat ttgtatatatt 15960  
 tgttttttaa atctctagaa aagattgtct tccatctctt agcattatgt ggcacatgag 16020  
 tttgatggaga tgggagggat tctaagctag gatgttctta tttggaagac tctttcaaat 16080  
 taataactgt tgcacatgta tgcagtttat tctgatatata tctgagaactg ttgtgacaaat 16140  
 taactctcta tctgaaacac ctagttttat tagatgttta gaagtgcctg atgtacgtta 16200  
 aaattagagag taataaaaaa ccacttttga aatatctttt cgaatgacta ataggaaat 16260  
 actgtctttt agaatattaa ttgtttaagcc acctttgtga cagtatagat actgtctata 16320  
 ctgtttcaat ggttttagag aggtgggagg gaagaaaaat gtgtgactga ctattttcac 16380  
 taaagcctaat gtctttaagt ttcattcatg ttgtggcatg tgtcagaatt tctctcttt 16440  
 taacactgga ataatattag atgttataga tatattacct tttatttctc catattacca 16500  
 caaataagaa ctctgggtgc ttccatattt tagctatcat gaattattgt gccatcaaca 16560  
 tgttgagttc ctgtattcaa ctctttgggt aataaccaga agtgaattgt ctgaataagt 16620  
 atggttaatt tctgttaaat ttttgaggag ctgctgattc atacttttac gtataaaaa 16680  
 tttagacctt aatgtattat gtataaacac taagtatttt taacattcta gagtaagaa 16740  
 ggtgtttctt agcaagacag aacagctgaa acctcaata gaaaagcctt ataatgttta 16800  
 tcaataaaaa ttttcaaaat tctggaacac acagacacac acgcaactaa gaaaagctat 16860  
 ttacaactg tggtagatga agaaaataat tcttaacata gcaagaaccc aggcataatga 16920  
 ttaagaaaaa gaataatcat acaaatttaa tacatgtgag aagctgttca gcttctccca 16980  
 ttaattaaag aagtaaaaaa taatacaattt ttcaacttagc agagatgaaa 17040  
 taccaaaaa agtggtgata ggtgtggaac atacttctt ggttgacagt tagcacaatat 17100  
 ctatttaaat cccttgccac agtaatttca gttctagaca ttgttcttat atactgtat 17160  
 tatctctgc tctgaacctat aatttcocaa gctgctagat gatggttcta tatttaagt 17220  
 gaatgctat ctctagttat gttttttctt ttgagatgga gtcttttct gtgtgcaggc 17280  
 tggagtgcag tgcctatgat tctagctcat gcaacctcca cctccaggtt tcaagtgtat 17340  
 ctctctgccc agcctccoga gtatgatgga ctacaggtgt gcacccaagc ccccgactaa 17400  
 ttttgtatt tttagtagag atggagtttc acctgtgttg ccagtatggt ctgactctct 17460  
 tgacctcag atctgccacc ctgggctccc caaagtgtgt tgattacagg tgtgagccac 17520  
 gacacccagc cagtattttt ttttttaaac cacagctctt tcaatttgag tctatcttaa 17580  
 atagtctgaa tttactataa cttagggttt acaattttta aaatttgtta ttttaagtta 17640  
 tccacatgat ttttgatata ctctctttga cataaatgag caaatgtgag tgattactac 17700  
 agcocaataa tgattaccat acccatcatt gctagcgttt agaaagacaa ctgattttta 17760  
 tggctgata tttgacctg caacctact gaatttacta aatctagtat tttttgtg 17820  
 catccttgg gattttctat taacagaatc atgcttctgt caaatgtgag taatttagct 17880  
 gctctcttt aaatatgtat gctctttatg gctctttctt ttttctctg ttttctctg 17940  
 ctagaacctc tagtcaaatg tccagtgtca gtgttgaaaa tgggcatctc tgtgtgttc 18000  
 ctgattttag gattaagctt tacagttttt ctaccctgga gtatgtattt agtttgtaga 18060  
 tttctctata tgcctcttat catgtcaaga aagttccctt ttttttagt ttgctgattt 18120  
 ttttaatta tgaagggcaa ttttaattta tcaaaactt tttctgtgt ctgtgagag 18180  
 tttggccatt tttttctat tgaagtgtg tattatgtga gctgattttt ggaatgtgaa 18240  
 ccaaccttgt gtcttggga taaatcccat gtaatcatgg tgtataattc tttctatgta 18300

202002.1441.020702

ttgtcgtgatt tgggtttgcta gtatttttgtt gggaactttt gtgcccataa gataagaggt 18360  
 attgatcttat aagtttctctt tccctgtgatg tcttttatttg gttttttgtgt caggggaataa 18420  
 gtggctctcat gaaatgttcca agaagtgtac cctccctacg tttttgtgtg aagagtgtga 18480  
 aaaatttggtt ttatcaaatg tttagtagaa ttccaccagt aagccatttg cttttctttt 18540  
 tgggttagttt ttgtattactg attcattctc ttaatttgtt ttaggcttat ccagattgtc 18600  
 tgtttctctct ttggtcagtc ttggttagttg tgcctttctt gaattttttt catttcaact 18660  
 aaatttatctt atttgcagtg gtacaattat ttttggattt cttttataat cttttttatt 18720  
 tcttttaagt cagtagtaat gctctctctt ttatttctga ttctataagt tgaagtttct 18780  
 ctctctctt cctgalgaaa ctgaagttt tccatttta ttgatttttt tcaaacgata 18840  
 aaattttctt attcaattgt gctgttaaca ttaattctt ccttctgctt acttaaat 18900  
 agttttcata ttgtttgaag gtctttaagg tagaatttta agttattgat ttaagaactt 18960  
 tcttaataca agtgtttaca gctgttgata ttactctaat tacttctta ctagactaac 19020  
 aattgttttg gtatgtgttc ttcaattata ttcgctctaaa aatatttatc aatttctctg 19080  
 ttgatttctt ctttgactca tgaattgttt tagagtggaa atttctattt aaatttccaa 19140  
 atattttgtg atttcccaaa ttccctctgt ttgttgattc taattttatt ccattgtgtg 19200  
 taataacata ctttgcatat ttctatctct tcaaatttat tgagggtgtg tttatggctt 19260  
 aatatgtgtg ctatctctta gaattgtcca tgcctacttg acatgaatgt atactttgtt 19320  
 gtgtgtgttg atagataagt tccatagtcc ttggtttgtg ttgtgtttgt agttttctg 19380  
 aagtcctctt ttctcttgtt gatccctcca gttgtcttat ccatttttga acgtgtagta 19440  
 ttgaagctct ttgacttttc ttgtgactcg gttgactgtg ctatttctt ctttctcag 19500  
 gctgttttt gtttcattta ttttgggtgt tcatatata aggtgcatat atgttgataa 19560  
 cagttatctt tctctaattg atggaattct ttgataatac aaaaggccac tctatctcta 19620  
 gtaacaaatt ttgttttaaa gtctatttgt ctgatacag tctactgact ccagtgttt 19680  
 gtgtgtgtgt gtttgcataa tatatttttc ctgttctttt accttcaatc ttgtgtctgt 19740  
 aatcaaaatt gtgttttttc atactcaatg ttcttctatt caacttaaca 19800  
 ctttgcctt ttgattgcat tgtttattcc attcacactg catattatta tttatgggga 19860  
 tttatgtgt tcaattttgt ttttgttttg agacagaact ttgtctgttc 19920  
 acccagctcg gagtgcagtg gctgtgcttc ggctcactgc aagctccaac tcccggttc 19980  
 aggcactctt cttgcctcag cctcccaagt agctgggact acaggtgcc accacactc 20040  
 tggcttaatt ttgttattt ttatgtggaga ctgggtttca ccgtgttagc caagatgtgc 20100  
 tgcatactct gacctgtga tctgcccaac tggcctccc ataatgttgc gattacagcg 20160  
 atagacocct gaacgcocgg attttttgtt ttttatatgt atcatctct ttgtgttctc 20220  
 gttttgtt ttttcttttc tatttcaatt aattaaatt ttctaataat gttattaa 20280  
 tttattaata attttatcac tgtattttta tttttagtg ttctctagg attttctgta 20340  
 tatattctat cagtatgagt ttccagattca cactagctta attccagtaa tatgtagaaa 20400  
 tgttactcat gtagaactta attctcttgc tctttttatt tatatttat tatatttat 20460  
 caatttaagt taacaagata tacattgttt aaatttatt ttgtgtctatt attagatac 20520  
 ataacacca catattaaaa ttgtatata tgcatatag tattatagaa ttgtatatat 20580  
 tatagggcca atagtataat gtatacatgt tattttatat aattgtttt aaaatgagt 20640  
 aagaaaaag aaaaatgcat ttctactgtc tattatagaa atcatactga 20700  
 acgtcttcac cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 20760  
 nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 20820  
 cctaaaaag ttgtctgagc aaagtatatg tgctttgttc atcctgaggg cagtgtctat 20880  
 cctgtgaggg ttaccattc gctctccacc cagcaatgta taagcatacc cgtgtcccaa 20940  
 cacttccgcc aacacatatt atttgattaa ttttcttgcc tgataatggt atctcattg 21000  
 agtttttaatt tgtatttctc attgtgagag aaatgaagca ttttctatg ttgtgagagc 21060  
 catctgtgca tcttttccca ttgtttctgt taagtcatg atttgcatga ctgttaattg 21120  
 tgatgagtg taacaactag ctcttctgct cctttaacca tcttatacca gccctcttc 21180  
 acgttctctc ttgcctaaaa acaaagctcac tcaaacagat cattctctg gccctctccc 21240  
 ttttgaataa attcagatgg gcaaaatttg ttttcttagg ggctgagac ccaaatgttt 21300  
 aaaagtatgt taagtgtcat gtgaaaagg gggcagtg ggggtgtcac agaaaattgag 21360  
 gggcgtgggt atatagagag gctgggcagt aacctggcag aaggccgacg aggccaagga 21420  
 aggtgtgggt gtgtcctgca gtgagaagga gtgagtgact atcaactggt taaacacact 21480  
 gctatagctg cctccagcac agcaggcact ctgagaagg aactgagaaa aggggaatgc 21540  
 cagttttctg caagatata ttgaaaagtt ttgttctctt ttgttctctt tggcaacctt 21600  
 gttaaaataa tttaaatgg tgaatttgat aacaaagcca gcoactaaa gacttggatg 21660  
 tagcaaaaaca aattgtcaaa aagtaattat catttctag aaataaaaata aactgggatt 21720  
 taggcttggg tagaaaacca gaggtttgt ttggcataat taattacaac actctgaaga 21780  
 gggaggaatt tttaacaagt tttttttt ttgtgtgagt tgcctttcat tctttttcat 21840  
 gactggagag tctgtcattt ggcaaccgc aaagaacttc aggaacagag ggctaaagt 21900  
 tctttgacac atttggattt ttgcattgat aacatttgca cttttattag taattgtcga 21960

10071441.020702

gtcgtgtgtg gtcgtgacct atggagagga gagtgtaggt gtnntctctg gagctagtac 22020  
 ntgcccocgn gctcacacgt gccacactgc ctgctgcttt cangaaagag caggagcggtc 22080  
 ggtcctgtcc gatcctagtaa ggtctctgtcc ggttctgtcc ctacagagctcc 22140  
 taagaggggga ttgctggcct ttgattacac tggcttccag aatctgacca tggaaacatt 22200  
 atttgaagct gtacgcttca ttttgttgtt gatcaggcca gtcttttagg tctttgtttg 22260  
 ttgatagatt tctctcagggt ctatagcagc aacaaataaa gctcttttaa attattttct 22320  
 tgcacattct gctatgggat tggttctgac ctttgaaatg tttgctgtcc ttttagatcgt 22380  
 gacagaaagga gctcctctct ggagctgtga agacccccca gatctcactg gttttcttgc 22440  
 ttttattgga agagttagca tttgttgaag ttataattta tgtaaaataa caataagtagt 22500  
 attttaaaaa ttttctttaa attctgtgat ctaataagaa gagagactct tctctgtca 22560  
 ttggggaggct tgaatgagat cggacatacc tggctagagt atctctgtaa gttttcttaa 22620  
 gattggaaat ggtgaaattga gagcagaat gatgccaaag gatgccaaag ctgttctcta 22680  
 tttcctaagt aaaactgagc agggcagaat ctccccagcc ctgccagaac tccctctctc 22740  
 cttgggtccg ctgtcactgt catgctggcc ttgacatctg ctacaagtgc acacacatgt 22800  
 ggaaccacac agggaaatga acacatgtcc tgacgtgtgt gtgtgctcgt tgtggctgtc 22860  
 tctctgtacc aggcctttgt ttgttacgag gctctgccc ctacacctca ggcctgtctc 22920  
 ctcatcatgt gcatgcaagg atggaatcgt tacacctttt gacttggatt 22980  
 acctgtagt ttcatctgga gtccagaact ttaatttccc atgacaaaac ttgctccggg 23040  
 acccaggaca ctgacactga ttggggcacga ttttccagat aagaccttac ctctcccaa 23100  
 cagggtttgc ctctccctca gaatacagga aagtacacgt ggttccaagc atccatgct 23160  
 cttactaaga taaaaggagg gagggtgact aggtactttc ctctgtgccc atccctgaa 23220  
 ggaaggggg tctcttcaat gctctacag tccaggggag tctgtctgac caggaacac 23280  
 agaggaaagaa gtgacctcat agcaatgagg ggcaagcatg tggatattgc tgggtatttc 23340  
 ttctctcaag tctactctggg gacaggtgat gaagacgctt acctctctgc aatacacgt 23400  
 ctacaggttt tggcttctat gacacatttt agccttgctc atgtgtgtg atcacagctg 23460  
 gtcatcctca gaaataaaag aagagagcaa taagtacagg aaggcttca gtccccagat 23520  
 aggtttagga ctaaatgtca gagaaacagg ggaacttagg agtttggcatg ctctagcatg 23580  
 gataccctct tgctctgtct cctgtggta taacacgtaa agcccattgt actaaaaggc 23640  
 ctgagtgct ctatctctgg gcaggtggag ccaggtatgg agtccccag aggagatgc 23700  
 tgggaagggg acaggtgtca aggcagtgt agaaaaagga caatgcctta tgcagtcagg 23760  
 tgaagaagat gcaaggagtg tcacagcata gtgtccacag gctccctag atgtcttca 23820  
 ttttctttca ggaagaatat tgacaaaagg agttagggga gggttatttc aaggatttca 23880  
 ttttctgtg tccaagataa cttaagatt ctagaactt tgactctaaa tgcattttaa 23940  
 gaccgtgtac ctcatgccca tatgcacatt cagttagaaa ataaagttag attctttgtg 24000  
 gaattcgaag atgtgctcat ggagtgagc agcgtgatct cagttgtacac atgaagcatg 24060  
 ctgatgagag ctctctggat ctgttttctt caggtggact tgcattaaag tgcgtgtgaa 24120  
 tctctgcact gggagttggga gcagccatgc gatgggtgcc ttaatccagag tgcctctctg 24180  
 gctctctcca ggctgcttca tttgctgtga ggggttaggg gaggagaggt tccacggcaa 24240  
 tggccttctc tgttctgtgt gtgaccaag ggtcgggggt cccaaagggt gagttccag 24300  
 atgagagtgc acccttgggg atggtactta gaaagagtgg ggaactaggc tcagccaggg 24360  
 aatggtgggc cagggtggag ctccctttgt tcaaggaggt agggccaagg gccatcagg 24420  
 tgggcctgca gaaggtgggt ggtgatgg ctcttctgtg gataacagag ctgtggcact 24480  
 gtttctctgg ggctgttggg gttgcatgga gcagatctct actcaggctt actgtcttca 24540  
 ggagggaaga atgtcttttt atgaatacgc ataggtctgt ggggctgtgg agctcgggga 24600  
 atccagaggt ggctgtggag tctggggccc tctagcgggt gtggtgtcat ctacagtcag 24660  
 tgcacactac tctccctatt tctctctgtc ctattctctc ctacgtcgag tcttctct 24720  
 cctctcctga ttttttctc taagtttgac tattccacac cccagagaact ctgttctatc 24780  
 cccatgacct ttgtgtact tcttctcaaa cttaaatatt ctgattatt tcttctaat 24840  
 tacagtttca agattagatc tgttgggagc attctgtgct atccctcagc cctctggtga 24900  
 gttatggatt ggtgtccccc atggttgact ggtctggaat ccccttttgt tgaagagctg 24960  
 tgcacgggca gtgaggtttt gtggaaactca gggagcatct ggcactatgt atgaggtgt 25020  
 gagggtggag agagctctta aatctaccag cctgtttgat ctggggaact aggaagagat 25080  
 ctgagggaag ccagtgccag caggcctgga gctctatatt tctttggcat ttgtatgata 25140  
 cctctagta ctctgttttt tgacttata atgaactaac tcaattttag tgcctagaaa 25200  
 ataaacggcc actgacactc caagagatta ttagtgggtg tccatagctc tagacatttc 25260  
 ttacactttt atccacagat aagaaaaaaa tagtgatatt tggatttgtt tgcacaggt 25320  
 tagaagagct taatatgtct tactcgttga gcagcgggaa tttctagggt tttctagggt 25380  
 ttctccctgt caccattcag gagacagtgc acacaatccc ctgtgctctt acctgaacac 25440  
 tgcacacag ctgtctattg caggctggga gctctccgtc gctctccgtc ccggtccgg 25500  
 tgtctctct ctctcgact tctatcaagc catccagcca ggacatctgc aggttaacct 25560  
 ctgtctcaga tgtgtccatg atcagtggtc agccagaagt aagcattagt gtctgtaggt 25620

10071411.020702

tcttgaattt ccatttgcct aatcaatctg ccttttgtct aaacagttgg cgagttttat 25680  
 tcttggtttg ctccccaagt taccocatgt agtctcattt ctccactatg atgtctattc 25740  
 tcttttaaaa ttgtttttac ttctgtgtgt ttatccacac ttctctgcac gcagttccag 25800  
 tgcagttgtt tctgagttgt gtccaccacg ttccgtgcag tctgctgttg tctcgaagac 25860  
 tctcactgcg cagagttctc tgacacaagg gctcactgtg acagttaatc gtaaggacac 25920  
 attacagcgg tcaagagaaa attccttttg ttccgaatgg gccacaggct tgaagcctgc 25980  
 taagaatacc aaagccagaa gaacactaaa gtctccaagg tccctcaagt atgtgggtga 26040  
 gaagggcgac gatacttcag aaagttttgc ctatgtggaa agaacttgtt ctgaagggaa 26100  
 attaatctc ctccaaagata cgtgtctcag aactaaacag ttcatcataa aagaaaaaag 26160  
 aaccctgaac cacaaacctc ttggcaattc caaacattct tgtgtttcat gcctttctgc 26220  
 cgggtgctca actgectcag aggtggaagc tggcaagggg ggcaggcccg gcctgtctgt 26280  
 ggaagagaag gcgagtggtg aggccacgtc ccgaagccgg acactgtctc agtacctgtt 26340  
 ctactctcgc caccgcttga gcgccagcag cctgcacagg ttccatgagc tggagagctg 26400  
 cgcgtctcgc ctgcacactg ccaagtcctc cagcgggctg gcaggagta tgggctcttg 26460  
 ctctgacgag atgggagacg acgatgtctt tgaggacagc acatctgcac aactgaagag 26520  
 tagggttctg cgggcgcgcc tctgctccac ggaagaggac agcgactgg attgtccttc 26580  
 tccctctcgc gaaaaattac ccccatatc tccgtgtctc acgtcagggg atgtctgcag 26640  
 gttgttttgc caggaaatgc cattctagcc atctctgctc gcacatggaa cctcctcttg 26700  
 cttagttatg tgaagtctca gaaaaatgaa gtaataggaa gttgtaacca gttgtgggtt 26760  
 cagggttttc tccagaagaa tggagtatca atatcgtttg aaaaactgaa tttttatgat 26820  
 gtgagtcaca agatagtttt acaaatgata aaagaggaa agctggctg ggcgagttg 26880  
 ctacgagcctg taactccagc actttgggag gctgagcggg gtggataccc ttgaggtcag 26940  
 agttttgagac caagtgtgoc aaagtgggca aaccocgtct ctactaaaaa tcaaaaaatt 27000  
 atgcggcgct ggtggcggcg cctgttaatc ccagctactc aggaggtctg ggcaggagaa 27060  
 tctttgaaac caggagagcg gaggttgcag tgagccaaga ttgcccactt gcactccatg 27120  
 ggcgcaaca agagtgaac tctgtctaaa aaaaaacaaa acaaaaacaa aaaaaaagaa 27180  
 ggaagagctc acacatatca aaggccaagc tgactctctt aacataaaaa taagtactgt 27240  
 ttgcatataa aaactggaag aaagaacta gtatcttcag ttttccagcg tgatgtctca 27300  
 gattttaaag atgtgtgcac ctcccagcct cttttttaac actgtctccc tactaccccc 27360  
 caaaagtggt gtggggactg cgtgttctcc agtagctctc tcttctcttc tttttaactg 27420  
 aggtgtagoc acctatgtcc catcctaact ctgtttcccc cttttatctt cctgtgtgca 27480  
 gcatccttgt ctggcctcca taattcaact ttgtctatga ctattgtgoc ctctctatc 27540  
 tgaocctttt coagttctcc ctcccttagt cccagctgca tcatttgata ctttggactc 27600  
 agagatcccc tcaactaaaa agcctgagag cctgctctct tccaggacga gtcceccaac 27660  
 ctgtctctca gctgctggaa aagaccctcc tgtttcttaa aagcctgtta agttctctca 27720  
 ggctagtagc tacactctgt ctggaataa gagagtgcct tcaaattaat 27780  
 ttctcactta ttgctattag ttgtcccaag aaaaagagat gaaattgcag catcttgtaa 27840  
 ttgtgagttt tttaggtcta actgtcatct ttgtttactt gctgagagac 27900  
 gacagaaatg tgtagtttgt gggatagaag gtaaagtcat tgattatagc taataagcaa 27960  
 acgtcatctt aggtcaactg agtctgttga ttttttga gacgctctac catccataca 28020  
 agaaccctgt gggagggcca agacatcccc gtgcgcggcg ggaaccgcga catccgccac 28080  
 tccggtgtcc cctggagcgg gcggagaccc caatgtcccg gctcgcggcg cccgcggcg 28140  
 tgcctcacca gggcagcggc gtagtcccg ggggcacaa cccgagccgc ccggggcgcg 28200  
 gcgcgggaag ggaagccaga ccccgtaaac agcccgagg acgctccgcg gcgcgctcg 28260  
 gcgcactcgc tactgcagag gcgcgggggt gacgacaaa cctcgtgtgc ccgcgcgtc 28320  
 cgactccgcg gcccccgcgc cccacgcggc ggcacccgg ggccgcggc cgaaccgcgc 28380  
 aaggtgagag ggcctgtggc cccgggcgct gaccactatc attctccgc acacggagca 28440  
 agggcaggag accacggggc gccggcgggc cgcgcgctcg ggccaaagag cccgcgcgc 28500  
 agcgagagag nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 28560  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 28620  
 cgagcgggcg ggaagcgaaa ccaagcgaaa gaggcgcaga gagaagcgag 28680  
 ggggggggtc atttcaagag gacgctgggc acgaagggag ctggggcgaa gatgagtcca 28740  
 cgggtttggt tgaagcgcct gcgcagccgg gctgaagaag gctgagagag agtgactccc 28800  
 gacaagggag tggggagag gaacctgggg gcaggcagag gcctaggggg tgggctctga 28860  
 gggcagccac gccacacggc cctccccag ccccgcaggc cagccacatg cccctgtctc 28920  
 cagacgacc acactacatg atggcagcgt cctgaagggg gatgatcggt agggagctgg 28980  
 tctggagagc cagctcagat atcccagtg tgggggattc ccgagcggga ggaatcgctg 29040  
 agccggggag gtgaaagctg cagtgatctg cgccactgaa ctcccgctc ggccgcaag 29100  
 tgagacccct tticaaaagg caccaggggt taggggaag agcgcatac cccagcaag 29160  
 gaagggctcg gaggggccag gccaggagag aagggccctg agctcagtg acgggcagg 29220  
 tgccctgga ggaagggag gacgtagcag caggaggaag ggtgaggacc caggctggg 29280

10071411.020702  
 10071411.020702



atcggggagaa gtgatggcgg aggaagagaa ggcgggaaga gggggggggc tgcctggcctg 29340  
 qcactgggaaa gcaaaagcgt gtgtttgtata tggggaagaag accacatccc cttccattcgt 29400  
 cactcccaact cagaaacocat gtcaccaaaag gtccacaatag accactctttg 29460  
 cctgtgacac aagtaggatt ctccacttt taacttccca aatgotacc cgaagcctct 29520  
 gaaatccttg gaaattttaa ataatatccc ctctatttaa ctgatgccta taaaacatat 29580  
 tgactttcat taaattttgt tatgaaatca gggatgtgtc ccattgttaa ataatttgt 29640  
 ttggaaaatg taggggtgta toccatctaa aatatcagac aggctagaaa atttcaattt 29700  
 tattttgctaa ggtagcatca tgtttgttaa aatgcatcat aaaaataagc caagagttaa 29760  
 tacaaaagcat gaagtcattg ttccctcaaa aaaatgattt gtctgtagt caaatgtatt 29820  
 ttgaaaaacat tgcaaaactc tcagcagtggt ttctcaaagt atagcttggt tcagaatccc 29880  
 ctggggggccc tgctaaaaatc tggatggcta cactccccc ctagagtggt ttaactcaag 29940  
 tgcccacttg caggaaaactg aaacttggtt gaagtccac aggagggcct ccccgctaaa 30000  
 cctctggctg gcgacagcct gggttccctg ccgctgcttc tgagtaattc tggcacgcag 30060  
 ttctctcctag ccactgctgt tacctggaag ggggcccagc ctctccaga ggctttgctc 30120  
 ctgcccctgca cagcacaaatc gtggcgtaaa aaatggaaaa gctggtagca gaaggaagaa 30180  
 gcagggagac agaggttagt tgaacctcaa tggcctcatt aaagcaaat gagaaagaa 30240  
 gtttctctcc cagtgaggcg ggacagtca gaaatgcggc ccgtccagg agaagtggg 30300  
 gcagggggct gggggctcac cgggcacatg gccaacagct ggtccggag agtgccggg 30360  
 gtttgqcaaa gggaagaagt gaagatgcag gagaagacta ggtcaactgc cctagggcag 30420  
 gtgatcaagg tgcctgtttac ctgctgtgtt ggccttgaaa aagctgggt ccctctctg 30480  
 ctttcagggt cctttctttt acaaaagcgg gtcttcgaag ccctgaattt tccagttatc 30540  
 ttgtaaggata tagaataatt ttgcctctag atgacatgta aatatgttcc tcttaactcc 30600  
 actttctctc acactctgtg ctctctctga gaactaccag accacccctg ttctcagagt 30660  
 aaactctctg ctgtggagtc aaacagacc agctgggtaa ttgttgactc actcctggtt 30720  
 cctccaaaaga atgggggcaa gggaccaccc gggacactcag cctcccgact ccaggacctc 30780  
 ttctctggggc accctctggc actggggcct ctccaggccc tacagggtct tcggggcctg 30840  
 cgtaggcctc tcatctccca gaataaagt ctcttcccca caccagatga caccagatgc 30900  
 tacagtgagg tttaacctc cagcttgaca agcatttcta gcccagaaca ctcagtgac 30960  
 gaggggctgt gggggagggaa ggaggcagca aggctgaaa gggcttctct cgttatctca 31020  
 gtcgctggct ccgctgtcta gccatgggtg gaccacagca ggcctccctg aagcaagcac 31080  
 ctgtgtaaaa gccctctctt ccacacaagg gctgggactc aagtcaagaa ggtacagaa 31140  
 ggactggaa atgatgtgtt tattattoga cagctccagg gtgctgtagc actgagcac 31200  
 taactgtatg accctctcac aaagccacgc acactggcca ggtctgtcca tgcacactc 31260  
 cagcagtaaca cctctctgtt cacctgcagg ctctctgttc atcctgacac atgaggagaa 31320  
 aaagcagta ctcacaaaag cctctagctc tgtggcccca ggacccctct ctagagcata 31380  
 tggcctccta ggagaccagg ggtagccagg acaaaaggaa gaagcatctt ctaagctaag 31440  
 aaaggatgga aggggattgc tgttctgctt ggaatgcacc cttagacctg cagggcaggc 31500  
 aggaagaccc cccagtgtct cttaggattc cttaggattc tttctccagt ttgctccagt 31560  
 ttgtgcctt catgcatgtt cacagggtga ttccctgag ccaacagagc tgggatgtca 31620  
 ccaagccctt tgtcccatca gccaggctct cccagcctc catctctca ttctgtgga 31680  
 tcaggaggat gtggggaggt cccctgactc ccagctttcc ccatgacaag gttgtgtct 31740  
 acagctcaga cccagccatg ctccacctga gaagtgggtc caggcagagc actgggtctc 31800  
 ggcccaactg ggcctgctcc tcagggggtg gcaggaaagg gaggccaact aggaagtccc 31860  
 cgggcagagt cccctgcaacc aggtgaggtc acctctagt cagctggcg ogtgcagag 31920  
 agccctctct gacacatgaa ggctgggct caatgctgag taaagtgcag ccatcagtg 31980  
 gccctcagca tgcattgggc agcagcata gattacata cgtgagttt caactaaagt 32040  
 gcagttaagg ctacagagaa aatgaacaga gacagcatca ctccagtgag cctccagat 32100  
 acaccccatg tgcgcagttaa gagaattggca tagtctattg ggacagccac atcaaaaatc 32160  
 cacagacag atgctctaaa cggcagatat ttgtctctca caggtccgga ctagaaggt 32220  
 ccaagattag ggtgcacgac aatccacttg ctggtgaggg cctctctccc agctgtcaga 32280  
 tgtctctgt ttccccaagc atggtcaact ggccagagaa gcttgaaata 32340  
 gccctcgggt cctctctctt ctacagagga tgcataatcc atccagggtt ccccacccc 32400  
 gtgactcgt ctacactcaa aaagggcccat ctctcaatg cctcaactg ctacacactg 32460  
 ggggtcagg cttcaacaca gagaacatt tagtccacag cagaaaaagaa 32520  
 aggggcacag agcattccag cctgaaggaa acagatgtgc aaagggccaa ggcaaggcc 32580  
 tgagctctga ggggcaacca gactcaagg tgaagagtg gcagtgatt agcaactgac 32640  
 gtggagagc aacagcgtcat cttgttaact tcaactcttt gtgtgcagtg gagaaaaact 32700  
 gaggcacagt gtgtcatggt gaacactggg cagcactccc acgctcctgt cctgcaactc 32760  
 caggggttat ggaggaagcc tgggaagctc cctccctctt tccaactct cctgacacca 32820  
 tccacaccc tgccctctcc aggaagcctt cctccctctt cataactca catctcaic 32880  
 cttagtacct gaagcctgca ttctgaattt agcaagctct ggcctgggtt tctattttc 32940

10071411.020702

ttgtctctgt cagtgcagcat ttggaaactt ctctctcagca ccaaacacagg agccatttag 33000  
 cagaaaaatc atgagttttc aagtciaatg aactgttctat cgcctccaaaa gccagcgaac 33060  
 agctgcagtc agctgtgatc aggtgactgc agggactggc ccacaggatg 33120  
 ggggactgca agtgcocgat gagtgaatga atgaacacat gtgtgaaatg 33180  
 actgcagact atctctggagg gtactggcct gtctcttcga caggtgaggt 33240  
 agcatccctg atagatgcga gtttctgacc tggttctgaa aagccagatca cctacctctg 33300  
 cagatgcctc tggagggggg aggacccctg agagcttgggt aggagctggc 33360  
 tctgcagagg gaggcactggc tagtgtgcgc aaggtgacct ctctcctgggt ctgcaggatg 33420  
 gagaacctgt tcatcaaccc ctctatgcac atgttccagt ttctctggaa tgaactcgcc 33480  
 gactttgaga aaatctttgt caagatcagc aacactattt ctggtgagtg tgccctcggg 33540  
 ggcccaaggc gtgctggggg caggggatgc tgcctctcctg ctgatactt gccgggaaat 33600  
 tgacaagggc ctctcctggc gctgcagcat ctgcacacct gtgcacacct 33660  
 acagcacccc ctacactcca cactctttac catcactgtg gtcacacctg tgcccagagg 33720  
 tttctcctcc tcagataatc aagctcgagc acctcaacc tcatttcaat atcaaaagtc 33780  
 tcaaaagtat cagaactttt tcttggcaca aatcaatcat ttgtgtctct gaacagagca 33840  
 aaggcagaa ttggtctgtg ttttaggtat ttacacaaaa gcaactttgg gttcctttgg 33900  
 actagagtg gtgtgatgag agcactagct tcatagtggc cagtcactgg atgggaagga 33960  
 cgttgagagc gcaggaaatg ctggacaaga agaggtgctg aaactcaggc atggaagacc 34020  
 aaacttgcca aactgcccc cctgagtgct ccacagccc tctctcttcc atctgggaca 34080  
 ctctcctggc gctgaagcct ccaggtgctg ccaggagctg ctctgagcag gaagggccag 34140  
 ctccaggtatg atgagttggt gccacagcct gcccagtgga tgggcagggg gccagcagtg 34200  
 gagctgtgac catccaggga gcactcggga gaggagacca agcagggagt ctgctcttag 34260  
 gtgaggtcag gaggggcatg gccctggctg cccctactac agagctcagg gtgggctcgt 34320  
 ctcttctcct ggtgagcggg gtcatgaatc actggcagga agactcagtg ttggctacc 34380  
 agttctcgaa ttgactgcac cctgtgttga tccggcgtg cccagagaag cccgagaagc 34440  
 tcccgtgagc caggagagtg tagagatgca gcttggagcg gcactcagc ttggagcagg 34500  
 aggtcagact aggggttgat gggctgggga gtgcacagtg gtccaggtct gtccaggtga 34560  
 agccagttgc tctctggcag tgcctatagg ccaccaagac gctaactgca ggccactctg 34620  
 gctcaacgca cgcctctcct ttctctggca caggtgtcag caggttctat ggccattatg 34680  
 cagactgtct tgcgaacat cagaggagga attgcgggga atgttctct atgagtctg 34740  
 agtctgggaa catabatgtca atattttcac tatcagttac aataattaca gaggatcacc 34800  
 ttgattaggg gccctgtggt ggacagatc tgtgacaggt gctttacaca caaggtctac 34860  
 agttgtcacc gaccttgcaa aggggagaaa actgggagaa gaagcagac ttgtgtgaca 34920  
 atacacaagg ggcacgagc gaacccaaca gaatggtga ttttctcgtt agaaatgctg 34980  
 ctgcccattg tctcttcgca cctcctcccc caccctcacc tgcagactca gctgctcctg 35040  
 gctgcaggcg tgacctagtc ttgagacaga agaagttcaa accaaactca ctgtgattct 35100  
 gtggggctca gcaacaggcg ctggccctcc agcctgcctc ttcccattgg atccagcgtg 35160  
 atggggcctc ggcctcgtg ggcctcgtg ggtgtccagg tggcctctgc 35220  
 tgcctccagt cttttgagct cagcttaacc gtgtgagag gatggttggt 35280  
 gccctttaga gataaaccta cagccccagt acctggccca cctgaatcta gaggggcacc 35340  
 caccagagtg aagtcctctg ccaagtctcc tgcgccagtg caggcagtg tctcctaact 35400  
 cctcctctc ctgcacccaa ccaggcccag gctcatgtga acagtctgca 35460  
 gttacaactc cccacacact gagagagcat ctgtgttctc gagtggagct aatgtgata 35520  
 ttgatgaaca ttgatttggt gcttataggt ttcaaaactc aagtgcagaga ctatagaact 35580  
 ttaaggcata tagaatccta gaattggaag actctgagca gccactctg caoccagcag 35640  
 ccaaggagtg gccactctca gcaactggca ctcccactg ggtctccagg tcttcccgcg 35700  
 caccctcagg gcacgtgggt tatgagtcac ctctccttg agctgaccca cccctcactg 35760  
 actagactct taaacacaca ctgcgccgtc taatacacac cagcatgat cttactcccc 35820  
 acagtctctc acgtctggca tctggcagca ccttaaatga ctgcagcaag ctgtggcct 35880  
 actaaaaagc cctccattgt tttttaaact ttccogtag atgaatagag 35940  
 aaattgtatc cctgtgtgtg gtattgattc agtgttccag cttaagtttg atgttataga 36000  
 ctttatattt ggaattctgt ttcttaaaatc actccatctg gtttaactca 36060  
 agaactctat tggctcaggc agcaatgcta actcatttg gccacgggct 36120  
 cagatcatcc cctgcactgt ctctctctcg ccatcctct cctctgggtga 36180  
 tttttctctc aggggggttt cttatgtgg aggtataaaa gatccacgg cactctcaga 36240  
 ttatctctcc accagcttag caaacacacc ccaactccag caagaaagac cctgtttccc 36300  
 aatgcctcca gcagatgtct taggcactcc ctgggctcca ctgattctct gagccagctg 36360  
 ccaaggccag gagaatggaa taactgacc tagaggggac agggactcta gacaggcaaa 36420  
 aactccactg tcagaagcag aatctaaaaa tgtcagaact aaaggttag cccgcctccc 36480  
 gttctccaga aatatggaag ggagctctgg gatacacgag ggaattggcc 36540  
 ccaaactcca ggccctctat tcccagttac accttaacca gcttgggtgg tctcaagatt 36600

10071111.020702

ggattagcag ccattccttc tgggtagagt ctgatggtca ctccagctct caaagtcacg 36660  
 ctatccagcc atagctcctg aagcgaagac atcactgtgc ccgaccaaacc caaggggtctc 36720  
 caccctgcccc cctccaaaca aggtgccctg agtgcctccg cggggatagc ccccgctcccc 36780  
 accctctgctt cccccgccca tgcgcagaca tgctcagagc tcatccctgg tgctcacacca 36840  
 cataaaggag gagggcggtg gcaggctcc gagctcctgc cgtccctggg gggtgagctg 36900  
 tgtcctcgctg gcgcgcgggc agcccggggg tctcgcgccg gggcgcggtc gggtgagctg 36960  
 caggggcgctg ctctgggatg tctccaggca gagtagatac tgacccctcc gcaggcgagca 37020  
 cccctcacctt ttctcttcate actcaggaaa cagaaaaaggc ttccagaaggc gcggcctatgc 37080  
 ccccgctcta agcgtcgtgt tcccgcccca gaaggctcac cctgcactgc cggttctatg 37140  
 gggccctctct gcgggaccca ctgcgcggct cgcagcgggc gcccgccctcc cacttcacgc 37200  
 gcacgctctg tgcgtgtcga ggtgtgttga ctccctacagc aaagggcacg gatcccgggg 37260  
 tcagcaagctc cgacgaattt acaccaatga ccocgcgtgt ccgcagctct agaccagggc 37320  
 acaacacgccc aaacctgcag accaccccca cctcccccagc cactgcagac ccttccccct 37380  
 ctgctctctg agcacctgtc ccgaacaacg ctcatcccg ccccgccaga ccttccctac 37440  
 ctctctggaga cccccctcaa cccctgtaga gtccctgcc cgtgcagaat cccctcccc 37500  
 ttcccccgca ccccccctac cccacccggc ggacagcccc gctcgtcttc tgcttctctc 37560  
 ccaaggagga cccctgtctc ggtctgtact ggggttgagt tgcgcagttt tgcattatgt 37620  
 gttaggtctt cccacgggct tgggaagtac gttnnnnnnnn nnnnnnnnnn nnnnnnnnnn 37680  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 37740  
 nnnnnnnnnn nnnngcgttcc ttacgcccgg tgaagattc ctacacctt atacaaaaat 37800  
 taattcaagt tggattaaga acttacatgt cagacctaaa accataaaat ccttagaaga 37860  
 aaacccatggc taacaccattc aggcacatagg catggggcaag gacttcatgt ctgaacaccc 37920  
 aaaagcaatg ggaacaaaaa ccaaatataga caaatgggat caaatataac taagaagctt 37980  
 ctgcacagca aaagaaacta ccatcagagt gaacaggcaa cccacagaat ggggagaaaat 38040  
 ttgttcacct actcatctga caaagggtcta atatccagaa tctacaatga actcaaacaa 38100  
 atttcaacgc aaaaaacaaa caacccctac aaaaagttagc caaaggatat gaacagacac 38160  
 ttctcaaaag aagacattta tgcagcgaaa aaacacatga aaaaagttagc atcatcactg 38220  
 gccatcagca aaatgcgaat caaaaccaca gtgagatgcc atctcacacc agtttagaatt 38280  
 gcgatcatta aaaaagtcagg aaacaacagg tgcgtggagag gatgtggaga aatgaacaa 38340  
 cttttacact gtgtgtggga ctgtaaaacta gttcaacatc tgtgtgaagt agtgtggcaa 38400  
 ttcctcaggc attcagaact agaaaatacca tttagaccag caatccctgt actgggtata 38460  
 tacccaaggc actataaatc atgtcgtcat aaagacacat gcacacagat gttttattgt 38520  
 gcactattcc caagagcaaa gacttggaa ccaaccacaa ttccacaaat gatagactgg 38580  
 attaagaaaa tgtggccacat atacaccatg gaatactatg cagccataaa aaatgatgag 38640  
 ttcatgtctt ttgtagggac atggatgaag ctggaaaacta tcatctctag caaactattg 38700  
 caaggacaaa aaaccacaaa cctcatgatg tgcgaatgag aacaaatgaga 38760  
 acacatggac acaggaaggg gaacatcaca cactgggcac tgttgtgggg tgggggggctg 38820  
 gggggaggat agcattagga gatataccta atgctaaatg acgagttaat ggggtgcagca 38880  
 caccoacatg gcacatgtat acatatgtaa ctgacctgca cgttgtgcac atgtacccta 38940  
 aaactttaag tataataata aaaaaaata aataaaaaata aaaaaataaa gaaaatgaag 39000  
 aaaaactgac catttgcagc aaacatggatt tggctagagg actttatcct aggccaaaca 39060  
 atacagaaac agaaaactcaa ataccacata ttctcactca taagggggag gtaaacactg 39120  
 ggtactgatg gacataaaga tagcaacaat agacactggg gactattggg ggtgtgaagg 39180  
 aggggaaggga gaaagtgtgt aaaaactgtt gagtactatt cctcagttat gggtaatggg 39240  
 accattcata ccccaaacct caacatcaca caatatccoc aggttacaac actgcacaa 39300  
 tgcctctga actcaaaaaa aaagtgtgaa aagcaaaaat aaacacagta acaacaacaa 39360  
 caacaaaaca gcaaaacccct caataaatac ataaataaaa atataataaa atgtctttgc 39420  
 cagagcttct tctttttgtg gtggctttga gttagttatc ggggtcacgt tgccttttaag 39480  
 ctgtttgcta ctacactgat cctaatgaat atttctttt cttaaatgac aacacatcaa 39540  
 tttttgtgag gagatattac atttgggttt tgattttacat ttctctaatg atttctttc 39600  
 cagtttggat tcttgatcatt tttttctatg ttttttggcc attcatatg atttctttta 39660  
 gaaatgtcta tccaaatcct ttgtgccatt taaatccta ttatttttaa atattgtgtt 39720  
 gtagaataat ttatatatt ctggatatta actctttatc agatatataa ttactcaata 39780  
 tttttctcca tccacaagtt ttttttaaca ttgttatgtc ctttaagtga taaaagtgtt 39840  
 aaaaagtgtt atgtagctcc aattgtctat tttttcttt cttttgggtg cttttgggtg 39900  
 catattaaaa ataattgtcc atatccctct attcctaagag tttttagtt ttatgacttc 39960  
 cattaagtgt tgaatccat tttagttaa tcttgtata ttctgtata ttatgaccata 40020  
 acttcactct ttcatgtgtg gatatccaa ttccccaaca ctgtttgttg aagagaatg 40080  
 tcttccctca ttgagcggat ctggaatgtc gtaaatatta ttgaccata tatgtggagt 40140  
 tttcttttaa tgggttcttt attctatcc attgtctctc ttgtctctct taagccagt 40200  
 gtcatgctgt ttaataact gtagtctgtt aacatgtttt gagatcacgg agcatgagac 40260

10071411.020702

cttcaactca gttagttttc aagattgtct agtcagagta tatatgaata tttagataaa 40320  
 tttttctctt ttttcaaaaa atgcagctta gatttttgata gggattacat ataatttcta 40380  
 gactgctgtt ggttctctatg acttttcaaa ttaatacata atgtgttgaca gatttgggga 40440  
 atacatctga tatttttgag atcttaacat taaatcttcc aatccatgaa taccatagtc 40500  
 tttacattta tttgtgactt ctctcaagta tggttttgtag ttttcagtgat acaagccttt 40560  
 tatttccctg gctaggttta tctcaagta ttttactatt tttgatgga ttgtaattaa 40620  
 attattttct taattacott tggattgttt atagttaatt tatagaaaag caactgattt 40680  
 ttgtgtgttg attttggatc ctgcaacttt ccagaatttg tttaatagtt ccaactgattt 40740  
 tttggatttt atgcataat gcatctaa ca gttttctaga tttatgcag gactgtaggaa 40800  
 tttttgcat ataggatcaa gcatctgtg agcagagata attttacttt tttcttttat 40860  
 tctttggatg tcttttctgt ctttaatttt ttgttctaat tgggtctgctt ggaatttcaa 40920  
 atactatatt gaataagaag agtataactg tctgttctgt tctgttctgt aatccagaag 40980  
 aaaagtttga atctttttacc attgagtga agtttaccctg tggatttttc atatatggcc 41040  
 tttattatgt tattttctct ctattctag tttgtcaggt gttttcgtga taaaagggtg 41100  
 faaattttgt taaacatttt tctcatca atataaaatga tcatgctgtt ttgtctotta 41160  
 ttctattact atagtgtatt acattgatt ttgcatgttg tattattctt tttttttgag 41220  
 atgaaatctc attctgtcat tctgctgga gtgcagtgcc atgacotcag ctacatgcaa 41280  
 ctttgcctc ctgggtttcaa gggattctcc tctctcagcc tcccaaaagt ctgggattac 41340  
 aggcctgagc cagcacaccc tggcacatgt tctatcattc ttgcatcca ggaataaagc 41400  
 caactctga atacaacaaa ttggtctgta gttttctttt catgtaaaag ctgtttttga 41460  
 ctttgaatc agggtaaatc tggcctcata taatgagctt tgaagtgttt tttatatcca 41520  
 tttttgtaa tgaactttgag aaacatttgt tctaattctt cctttaattct ttgtgtagta 41580  
 tccggttctg ggtctgttgt ttgtttgagg tttttgaacc cttttaaact cctctagtag 41640  
 tataagtctg tctgtttttt ctactctctc atgtattact ctatttaggt tgtatatctc 41700  
 tagaataata tgcactctca aattatccaa tttgttgaca tataattaac ttgtgtgggt 41760  
 attttcttat aatcctttttg atttctatgg catgggttct aatgtctctc tttttatttc 41820  
 tgttttatta tggtaacttt ttttcttag ttaactcaga taagcatgtt ttaattttgt 41880  
 tgggtttttt aaaaaccacc ctctagtttt gttgattttt tctatttgtt ttatatctct 41940  
 atatttctat tatctctgat ttaacttaat ctcttaggatt tctccctctc tctgactgctt 42000  
 ggggtgagtt tttttctctc cctagtttcc tgaggtataa ttgattggtt ttgatttgca 42060  
 aacttttctt taactctttt tttttttttt ttaagttgtg gagatggggt cttgctttgt 42120  
 tgccacggct ggtctcaaat tctgtgctcc cagaagtctc cctccctcag cctgtcaaaag 42180  
 tgetgggatt gacggcatga cccaccatgc ctgacacttt ctctctttt ataaagcaca 42240  
 tatttatagc tataaaattc tctgttagca ctgctcttgc tgcattctac acatttttgt 42300  
 acattgtatt tttattttcc tttatctcaa gatatttctt aactctctt gtgatttctt 42360  
 ttttgaccca ttgcttgttg aaaaactgtg tgttttaatt tccactctt tgcatttctt 42420  
 tgttttctct ctgctactga tgtctagttt tatgtcat tt catcaaat agatattttg 42480  
 tataaattca atcttttaaa atttgttaca agtttttttg tggataaact tgtgattttat 42540  
 ctttgggaat attcocatga aacttgagaa aaatactatt ctgattttat tgggtggaaat 42600  
 gttctgcaca tgtttgttag caactattat agtgtgttcc aagtactgta tttccttacc 42660  
 gattttctgt ctgtttgttc tagccattat tgaagttag gaattgaagt cgcctaccat 42720  
 tatttctgt tttatgttcc ctctctgato tgcctaatgt ttctcagat atttagagac 42780  
 tctgttatta gaggtatata tatttgaatt ttttatatct ttctgtgaa ttgacttttt 42840  
 gtatataat acgtatttct ttgtctgtg actatttttg acttttttg tttttttgtg 42900  
 gatagttaga tagtcaactc tgcctgtctt tatttaccat ttgcatggca tttacttttc 42960  
 ctttttttca ttttaagcat atttgtttct tagacgataa tgacgagata aagtggatc 43020  
 ctttttcaaa atccattttc cagtctatat cttttgtatt aggagtttaa tccatttaca 43080  
 tttaaagtaa ttactgatag ggaaggacct acacttgcca ttttgttgtt tctgtatgt 43140  
 ttttgaattt ttgtttttta tctctctct tactgaacct ttttgggttt tctgtatttt 43200  
 tttttgtgt gaacttttga tctcctctct gtttctttt tgtgttattt tatagatttt 43260  
 tttatgttt atctttaaagt tataaaaaac gtttaacaagc gtttaaaac 43320  
 tgttaagaga ataacttoga ctgtgtacaa aaactatttc tccaagctc acacctcac 43380  
 cttaggttac ttaagtccaa agttacatct tcatattgaa tgtattctat aacacagatt 43440  
 tatagttatt ttttaagcttt ttctctgtaa attctataca agaattaaaa gtgatttat 43500  
 tgcacaaaac tgcatagtac agtctctata tatgtccata tatttatctt tactggagag 43560  
 ctttatattt cctataagact tcatgttact atttagcacc cttttgttcc aattgcaaag 43620  
 atactacagc aggtccagtg gtaatgaact cccaggtttt ttttctact ggaaggctg 43680  
 atttttctct tatgtttgaa ggaatgtttt gctggatata atatttttg ttgaaatttt 43740  
 ctttttctct agctctctga atataattat cccctgcctt ctggctgcga cttgtttgt 43800  
 tgataaaatc actgataatt ttataaaggc ttctctttac atgacaagtt actttcttt 43860  
 gctgctttca agattgtctc ttgtctttg acttttgaga ttttgattat agtgtgtctc 43920

1007441.020702

actgtgagtc tctgggtttt ctttaacatt ttttttttgt toatatcttc tgatgatgaa 43980  
 tctccttaac ttttataatt gtgaaatgtt ttttctctat tttcagaagg tatttttagt 44040  
 gagtgtaaaa tttctacattg acagtttttt ttttccagta ctgttttagt tttctctact 44100  
 gtctctctgc ttgtactgat tgtatagaaa ctctgctgta atctctatct ttgtgtcttt 44160  
 gtaactaatg tgcccttttta ctctgctgtt ttttaagatt ttatttttat tattgatttt 44220  
 gatcatgtgg ctgtgttgga gtttctccat atttatgtgt ctgggggttc attgagctta 44280  
 ttaagtctgt aggttttatat ttttcattac atttagaaaa attgtagcca ttattcattc 44340  
 aaattttttt aggtttctct cccattttct atgcccattat ggggtctaat tatatgtata 44400  
 ttaggcttgt ttgagttgtc ttacagctca cttaoagttc ttatgttttt ttttccactt 44460  
 ctatttctatt tgggcaaggtt tattataact ttcocctaat tgcataattt tttgcaatgt 44520  
 ctaatccact gttcaattca tccaatgtat tattaatttc agacattgta gttttctatc 44580  
 ctagaataatg ttctacttttt ttgactctat ttgatatgtt aagtcctttc 44640  
 tctagctctt tgagcatatg aaatatagtt atgacaaacta ttttatttta ttcaactatt 44700  
 taccttagtt tcagaggttac atgtgcaggt ttgttatgta ggtaaacctg tttccacagg 44760  
 gtttgtttat tatttctatca ctacaggtact aagcctagta cccaatagtt gttttctgt 44820  
 tctctccact tctcctaccc tccaacttca agtaggcccc agtgttttatt gttcctctct 44880  
 ttgtatcact actatttttaa tgtctctact agttctcttta tttttgtcat ttctgtagtt 44940  
 attttatttt tctcactagt gccatattct cctaactctt tgaatatctg gtatgcaaat 45000  
 tataactagt atggatattta tatcaagacc ctgtcgcaat atggataact aaaaagaaa 45060  
 acaaatgttt accagttttg tctaagcctt tcttagctct ttgtgttgtt tctcaagaaac 45120  
 aagcacagag ggttgagctc aaccaagact gaagttaaag atgtagaaaag attgagatgt 45180  
 gaagttaata agtttagagg ctctgatata atggtatttc ttcttttaat catgtaagat 45240  
 gcaagcccaa gataatatgt tgggaaaagt gaaggcgaat gtcttgagaa atatgaatgt 45300  
 caccocaaagc tatggctggg tgatagaat aactaaaaag ttttaaaagg attgtttat 45360  
 agctgctctt tcagaggttg aggggatagg cctggaaaaa ttgtacagtg gtatgcccca 45420  
 ggagagactc ctcatgaact tctccagatc cctaagtttt tccaagtctc caagcatttc 45480  
 tctggccagc aagtcacttc gcagcacaga tctactcttc tctactcttc taatttcaac 45540  
 actctacaaa gcaattttct ccatcaaatg ggaacttttg ggggtctgca taattttta 45600  
 gggttcccaa acctttgtact acctgttaa gatatataaa ctctttaat 45660  
 catgtctctt acttttctct ttaactttta ataactgtca ttgctgttat acotctttca 45720  
 cctctctttt ttaactctgc cctctttct ttgttaagta tataactcct cttttttct 45780  
 tctcgaactc tcaattctgc ggagtaacat atacaattca ttctctcttc cagtttttta 45840  
 ttctcaagtt cttatctctt agttctcttg catatttttg gcaattatta gttttttcc 45900  
 aaaaatccat tctccttttt tctctgacat gtatttttcc agcttgacca catttccag 45960  
 ctctccctgc actcaggttg agcaatgtaa ctaactttt gcttgatgaa tctgagcaga 46020  
 agttatgtgc acaatatctg cctcactctg ttaaaaaata ttgtattatt tgagctttct 46080  
 atattgtccc tttttacaa taaaatgtag aggttatggc aacttttatg gtaagagaa 46140  
 tcatcagtta ggagatcaag aatcattgat ttgagaggaa cctaactcct ttaatgactt 46200  
 agtggagcaa gactgcccca tcaagtctgga agctacccca caacttatgt atatctcag 46260  
 attgttgagc aaaaagaaaa aaatgaagcc actatatatt taggtctct catgttaaca 46320  
 gtttagcttt taaccttaaca cacatttatt cctgaatggt agcatattat taacatcaca 46380  
 ggaaggaat tcttgttcta tggatctttt attttgttga aataaaggta attcgtctgg 46440  
 gcttaactat gcccaaggcag aatttttttg aataattatt tctatagat acccatctat 46500  
 aatgaacact acaactgttt ctaaaatgga ttcatgtacg tcatcttatt tcatcccg 46560  
 aaaaattctg aaggttagta taattatccc cattctatat attgaaaaat tgggtagctg 46620  
 agagactacg gacttataca agtttctgca ctattttaag aaacagagta aagctcaca 46680  
 gccattaatg aactgttttag tttagtgctg cttagtaaaa ttagaactgt ttgaagtgcg 46740  
 ttttaatagt aaaaacctcg atatttagt agctctctgc ttgtctacta ttgtagaaga 46800  
 aaaaacatac atctacgtac atcctgaatt ggggagaagg aaataaaaaa ttgccaatcc 46860  
 cctgtctgtg atattgacta gtgataagg gataaggctt ttcatttata taagttagtc 46920  
 ctggagaggt taagcgcaat caccaaaagt gacaatgacca gtaactttca gaattttac 46980  
 cccagctctg gaaggaactc gaagcccatg ttattgcctc cagagcctg ttggaacccc 47040  
 ctgaattgga cagagactca gcagacagag tggctcttcc ttctccagga tcagggaag 47100  
 gttgttaggg ggagatagag ttgatctgg gtgggatttg gatcaagag gatcaagag 47160  
 ggataaata gatccaagct gtttatgagg gacagggaga ggcacactct gataaaga 47220  
 gttggttata cagagaagca tggaaacatt tgcctcatgc ctgcctctcc atggatagca 47280  
 gtccagaact gctacttgcc tgcctgacag totttctcca ttctctcaca ttgtgacag 47340  
 tctgagcctg ttgactctgg tctgcctgca ccagattct gtgagctggg acagagaatg 47400  
 tgtctctgct tccctctccc cccacttggg cccacacct ttctacaca tttgtattag 47460  
 aaatctgaat tggcctttct gtgaacccca atgacaggca agtccccagt aaagaagcac 47520  
 ttaatttaat tgctctctca gggctcact agagtaatag ttgtgaacag ctctccctag 47580

1007411.020702

tgtctccac aggcagtgc aaatgttgct aaagataagt cacaattctt tggcaaggcc 47640  
 atctttaaata tgggaaggaa acctgtgttc gtccgaaca gtccctgttca gactgtatctt 47700  
 atcacaggtt gccacactgc tcaatgtcac catgtttctca gctgtggcag 47760  
 agagaggaca gctatcacata aagtcgttcc acctcacaaa ggtgaaatca ttttttttaa 47820  
 ggttaattatg atgtgttctga ggaatggtgat tgagtgacat ttaaaaaagt ggaaaagttc 47880  
 tactcaatac tcgtctctgct taatttgcct atataaaaaga cttaatggtt ttgtgtgagt 47940  
 tgatccagag tcaagtaacat ttgaatatgt gttattacca ttgtcagtg aacaaaacaa 48000  
 cagggttaagt gggatgccaa atgtggctga gagttttaggg ttacattccc acaccccagc 48060  
 ctttaaatagc ttgtgtataaa ttattggttg attttttctt ttcatgtgct ttctttgaca 48120  
 ttgatgggg ctggaattat ggaggcaacc aacaaattac acagcaatga attctggact 48180  
 gtatgccacc agccttgagc ctatgatacta gctgtgtcac taattactcg tgtgacagg 48240  
 gtaagttaatt tagatacaatt tatgactttc caaataaata ggttgagaca ttgtatcttc 48300  
 aaaatgtctt tcagatttga cctcgaacat atcggtattc ggcattgtct gattttttagt 48360  
 ttctgttctt tgaagcatgt ctacaataga aatgcctacc ttcatataca ataaaaggac 48420  
 attagattaa tatggtgtct gtgaaaatca ttgaacagct tttagataa aaataatgaa 48480  
 atgagcaaat ttctccatta ttaattaaat cttttaaatt ttctgtttat gaaactatga 48540  
 acaataaaatt ggaacaaaaga tataatctca ctacaagtaa attgtatttt atgtaaaaga 48600  
 taatttgtct ttgaaaaata ctcaatgaaa ttaccttttt aatttcagag attttgagga 48660  
 ctattattgt tatttcttta aagtataaaa tghtaatocaa gatgcctttt tcccccttc 48720  
 agaagcttgc ttgccccagg gtttgataaa ttgggaaaaa aaccgtgttt cgaatatcct 48780  
 gttggcctgc tgggtgagtg tcatctgtgt gtctgaatgc agtatgtgtt taaacttgcc 48840  
 atttattacc tgaatttgtt ttattttggc tcataccctt agtaatactc ttgtaatgct 48900  
 ggctgaaat tgaagcaaat gccctatgaa actcaaggga cgaaggtctt tgttattttt 48960  
 cagaagaaat gactggctga ggctgtaaa aatctgtgt gtcatctca tggaaaggag 49020  
 attggagccc atctcttttg atctcattat tgaccagttg attgagaaga ctgtctcctc 49080  
 gtcccccccc aatcacaaat agtgggtaat taactgaggg ctaatttgc ccttgagtgt 49140  
 gaatacaatt ttctgcaatt ccttgtgtct agcacctgtt agactatctg atttggattg 49200  
 cacagactatt gtttttctaa tctcatgtgt gagctaagag agagatttgt tttaaagttt 49260  
 cctctgtaat aggttttctt gctccaggaa ggaatcggtga acagctctgc acactgtctg 49320  
 ttggtaggtg tctagtgatg gatgcgtttt ccatctccca ggtacatcgt cagctgtgct 49380  
 gactctggtg cgttttgtat atgcactgtg gagtgcacca ttatttcatg atggtggag 49440  
 aaatctggtg gctagaattc tagggaggag gacatgagtc ggaagtgcag aaacctcaca 49500  
 ctgggacatt gatgggaaaa atccaaattc gtccctggag taaaggaga gtaactact 49560  
 gggccatcat aagagcaaat aaagttaacg ttatttcttc agatccacaa ctcaactca 49620  
 gcgaaagtaa ttattcactc ttttgtccc aaacaataat gaaatcagct aaagcatatt 49680  
 gtatttatta ctccaactca agttattgag ctgttctgac accttgttgc tgggaagata 49740  
 cacagatgga acacatcat ttccattgat tctgatcata cccacagcta atatagcctt 49800  
 attgctctga gtoactcaga ttttatgctt gctatttcaa gctatttctt ttacctattt 49860  
 aaaagtgat atgacctgag ctggagatga ttgtttgtca ttttgtgtaa accctttaat 49920  
 attttagtg taaatacatt tcttgactct tgacaaaaac ataattaaaa tgaaactatt 49980  
 taaaatggac atcttccaaa tgttcaattt taaaaaaaac atcttccaaa ttgtcaattt 50040  
 taaaatgaa atctctgtga actttttttt ttttttttga cagcagtgct cgtctgtctca 50100  
 cccagctgct agtgcagtgct cgcgatctgc gctcactgca agctccgctc cccgggttca 50160  
 ggcattcttc cctcctcagc ctccagagta cttaggacta caggcgccgc ccacagcgc 50220  
 cggctaattt ttgtattttt agtagagagc ggggttccac gtgttagcca ggaaggtctc 50280  
 gatctctcga cctctgattc caccctccac ggctccocaa agtgcgtgga ttacaggct 50340  
 gagtccacc gccacagctc ttcccttaact tttaatgaat aaagagtga aagggaaaaa 50400  
 ccaaatgtgc actatgtctga ttttatcttg agctgtacag aagtgtcagt aacttaagaa 50460  
 tataagtcat tctgtgttga ttcatactag cctatttctt agcatattt aaacacacat 50520  
 atttgagtgt ctacacactg cctgctaggc agggggctgg gtgcoaaagaa gggatgtcca 50580  
 gagataaaag ggcattatgt ttaacttttt agggcaactg gatcaaggct gatcaaggag 50640  
 tgactgttat ttgtactagt gatagaagtc atgtacagag gaaacacaaa ggaagagtg 50700  
 gactttcttc cccagggaag ggaatgctcag aaagaggggg ctgattatgt cctgtgttca 50760  
 tgagaaaaag ggcattctgt gctcagggag ttgggaagaa atcctgtgaa aatcctgaa 50820  
 tggctgtgtg catcagcctg tctgtgagtg caggcoatgg ctggagtctt gcttttaaga 50880  
 tgagtgggaa gaaaggctgg agaggaggtg gatccaggaa aagttctgtg gagcatttat 50940  
 tcttttgca atgggaagac ttgttgaagg ttgttgaagg aggtattctg gtatcacatc 51000  
 tgctttttag agaggtcatt ttatagaaaa agtagaaaat acagaccagc aaaaatttaa 51060  
 aaagtgaaaa caatcactgt tcaagctctg ctctagcact caccagtggt ttctctacag 51120  
 gtgcattac aaacatgct ttacatttta tttttatttt aaacttttca ctactctcaa 51180  
 tatcagtgga aacaaactct tttttttaa ttttttttta ttttttttta cctattgtac 51240

10071441.020702

acattatttt aaattttttt tcattctttt ctttttttaa aattaaaaca attttttttg 51300  
 agacagctct acctctgttc ccaggctcag gtgcagcatt gtgtgtctca ctcaaccgaa 51360  
 ccttgctcct cagggttcaag cgatctcctt gcctcagcct tccaagttag tgggtagtca 51420  
 gacatccacc accaccgtgt caggttaatt ttgtattttt tagtagagaa tgggggttca 51480  
 ccattttgga cagggtgggtc tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 51540  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 51600  
 nnagctattt cgcocgtggt gaagatcgta gtagagtcta ccacotcgca cgtgaaactg 51660  
 gctcacgggg cgcacggcgg gtggcgagcc caggcaggtc tggcgagcgg tggccggcgg 51720  
 caaccocctc acggagcgtg ggaactcccc acccgtccc ccttcacccc aggaccacgg 51780  
 ggggcccagg ccgcccagg tagtcaggca ggggtcccgg cctctccccc aggaccacgg 51840  
 ccccgccggg gctcagcttc tgatggcttc ccacaccagg agcccgctgt cccggtagaa 51900  
 gtgtaggggg ttgtctctct tgctctccat gcgccgggcc ttgatggcct ccgggaagaa 51960  
 cagggaggca taggtcaggt ccttcagcgg cctctgcacc atctgcacgt gccccaccgc 52020  
 cctctggggc ttggcctgga gtgggaggta gagtgcctg agcgggtggc tctctccaca 52080  
 gctgtccaga cccatccctg aggaatgtg ccaggggagg cgaggaggcc aggccaggag 52140  
 aggtgcaagc ccttgtcctg tgagatgggg gagggatgt taacgcagag aatgacaagg 52200  
 cgacgccggg ggagaggtgc tagggaggag cctcccgccc aatccaatg aagggaactg 52260  
 accgtggggc tgcagagtac aagaggggag ggtgcgctcc cagccacagg caggccacag 52320  
 gcgtggggcg gtgtgtgggg gaccccacga ccacggggcc tgggctgtga agtcgctctt 52380  
 agtctgagc acacagacct cagtcattgc tctcagttcc actcagttcc 52440  
 gcaactctgt tgaggggcct ttgtgtgctc aggtgagggg tggagagacc cacaaggagg 52500  
 gatcctggtc ctgactccga tcccgccttc tgagtgtgc agacacactc aagagctcac 52560  
 ttgcaaatat gtgtgtccac gtgcacacac acacatgca atataccag gccggtgggc 52620  
 ttgtcgtgcc acagaggttt tgaagaagga cttgggtgct ggggtgccag agattggctc 52680  
 accgtggggc tgcagcccaa ccagagctgc ccccgagcca tttctgttta 52740  
 gatggcgtg ggagataatg gccacatgag aacctgaggt ggagctacta tgatgagctc 52800  
 gctgtccctc tccatggggg gcctgtctgc agcaggagag ttgtatgcca acacaggtga 52860  
 aagagacaga aagaggggag cagctgtgat gcaccctggg gcaattctgt agtcctcggg 52920  
 tccattctct gctgagcccc ccgacctctc attgtgtcca atgtattgca ataaggcatg 52980  
 tcttctccca cctcagctgg tttagattgg tttttgtcat ttgcagccca aacagtgtct 53040  
 caactcaggt ggtcactctg cctggtcact aatgggctgg aggaaaggag aaggttgggg 53100  
 caagggccca tgtgagagtc caagcttggg aaggctacag agggctcaaa acgaggtggg 53160  
 gtgctacotg agggatgcga gggctgggca gggctggag tcccgatgc agagagcagt 53220  
 ggggtgggag ggttgggacc cgggaagcag agtgcctggg aggtccaggt cagggtggca 53280  
 ggggtgtggc agattaagag gcagacacag gttcctgggt cgtaggaggt caggggggca 53340  
 taaggagtgt gttccagagg ggggtctaca ccagggtccc agaggctggg agaggggagg 53400  
 ggtggggaga ggggaccagg agccatcagt gagaaggaa accgtgtgtg gcgcctggag 53460  
 gagtgtcctt ggcctgaatg acaggctcg aggatgctg agggatgctg agccatgctc 53520  
 ctgagcagac tccagccttc acccttccag gcctcctgaa aggtgtctca gatctcagat 53580  
 agggagtga ggcggccagg ctgggctctt ccaggcaaca agtagggtag gagggcaccc 53640  
 accttgtaca agaggccaca ctgcagatg agctgtcac gggccttggg gttgtatgca 53700  
 atgtgaaat tcaagttgtc caccagcagc tggggagggg agaggagggg gcctcagagg 53760  
 gggcccagtc aggtgacctg gctcctcagg gacccgcagc tccccaccc aggcctgcc 53820  
 tatagatga tctgtggcgc agggaggaa gtgctgatc ttgctgtatc tctgtgtgaa 53880  
 taagtgtctg aggcctgcac cctctgatg cttactaagg atgataatga tccagagggt 53940  
 ccttggccag acctgtacaa tgcctacctc ttgtctcctc tgactctctg gacttaetct 54000  
 accatcattc tgaaggcag ctgtactatt tgacctgttt taectgtgag gaaactgagg 54060  
 cacatgggta ccttttagcat gcagtcaccc cagcagccaa tgcttgttag attccgaaac 54120  
 agggacggag agttagtgga cggggcgcca tccagatcac ccgaggtata ccatgaactc 54180  
 atttgccttt tccaaacteta cgtgctggcc agcgaggccc gtgtgtcagg cccatgcccc 54240  
 agccgcgtgt cctggggaac agcaggctcc tagctgtttt ctctccttag ggcctaatc 54300  
 gactctgaga acatctctcc agggctcctc tctctccacc cactccacg ccagaggtcc 54360  
 cctgtgggat gtcagtgatc cctcccaact acatctcag acatctcacc atagcagggt 54420  
 gggcgctagc tggctgtacc ttgaaatgg ggtgcacagc aggcagctgt cggtacattg 54480  
 caatgccaaa aacctcagac accagatgtg ttccgcaga ggtgtgtggt gctctgggtga 54540  
 cgtggaagtc aactgaaacc acccagattt tggccaaaag ccagctgtat tttgcatccg 54600  
 aaggggagaa aatagggttc tcatctccc ggaattgggt gagctgatac agctgggaa 54660  
 aggaaacaca ctgctatatt ctactccaga gatagtgtg tggagaactt cgctcttgg 54720  
 gaagttccag aagtatctga atttcttaa cagtgaactt ggaatcagaa cactcggag 54780  
 ggggtaaagg gccctcggtt ggtatttctc tctccagcca taactactac aacctgcag 54840  
 actctggatg acacactggg cttcttaagg tccgcttca gactctgtca tgtggggaca 54900

10071441.020702  
 10071441.020702

gtgacgctc ggctcacagt tactcaggag ctggcagcat ggaaggagcg ggcaggccga 54960  
 aggcgcagca gggggggggg aggatcgctg tccccctctt cccctccttgc cctgctccct 55020  
 ctctcactgc ctctcctctg ctctctcatac ttctctcttc ctgaaatgct 55080  
 ggagctcccc agggctctgc atgggtgctcc tgtcttcttt tcttgccctc agtcagctcc 55140  
 tctctgttaa aggcttgggg cctcctgggt actgagctcc ccagatcagg gctcgcagct 55200  
 tgactctctg ctggagccca cactctgtgc caggcacctc ctgtagcaga gggctggactc 55260  
 gtgtctccct tccagttttc actccacact gggacaagggt gaggtttttt ctcttccaaa 55320  
 atgcacatca tgtcatgtta actgcctcct caatcacctc ttaatgccag aaaaataaaa 55380  
 cccccagctc tgggtgtgac ttgtctgtga tgcctctgta cacacactgc caatttctgt 55440  
 cccccacacc agcacccagc cccaggctcc tccatgccag cagccctgca cgttgccccc 55500  
 ttattgagag cccagcacag cctcagcacc cgacagttag ttctcacggg agccggcagc 55560  
 aggtgtctgc atttgccatt ttatcatgaa gacatggggg attggagggg ccagacagaaa 55620  
 gaatgaggtg ggttgccagg ctgcagccaa gagcgccagc gaaggggcat ggcagagact 55680  
 taggtctctg gaaagaccag tgtcactgca gcacagtgtt catggctggg gagggagAAC 55740  
 tgtcccagag cacacagctg tgtcacttgc tataagtatt gtggaaagtg gggctcttgg 55800  
 gogtctctcc ctgcacaaaca tgcctgtcca atagacatat aatgctcccc cacacatgga 55860  
 attgtatata tcttggaagc catattaata aaaaataaag gaaacaggtg aaatgcoggt 55920  
 gaataataata ttcttatttt acccaatata tccagaatat tatcacttca catgaaacc 55980  
 aatcaataata tatttaattga gatatttoac attccccacc tccctattct aagtcctaaa 56040  
 aatcaaggtg taacttttgc cttgcagcag gttttgtgtt ggacgagcca aatcccaagc 56100  
 gctccagagc cctgggtggc agtggctcca cctctgtcag agagacccca gaagcctcag 56160  
 cactccctga ggacacagga gggggggagg agggaggaga ccagagtgtg acttgcacat 56220  
 taggctctgc ttgtctgtta tacttgagat tagttggctg tagtttaata ccagacaggt 56280  
 tccactaaaa attttgaatga cctgggttttc ttgaaaaatt agaaggtctc agaactctgc 56340  
 accaggcttc tccagaaact acgctcttgt cctctttaca ccttgagggtc tctcagggtc 56400  
 cccactgcga cccccgtttt catgagatgc ctggggccact gatacctgat ctgtgccctc 56460  
 gaatgctgga ctgcctggca tgccttgaga cactttctga cactgtccca catgctctga 56520  
 catgttctgt atggtctctg gacactgaca tgttctctgat ggtctgggga cactgacatg 56580  
 ttctgacat cctctggggc cgaggagccc cctgttgtgt tctagggggc tttaaccocat 56640  
 ctatctcact taactctcac tttagccctg caaggcagat attccttgt acacccattt 56700  
 tcatgggggg gaaactgagg ctccagctgg tttagcagct ctcccaagtc atcccaagc 56760  
 taaaagctc agcgcccaag atgatatga acaggcaaaa attgggaaga atccccctaa 56820  
 aaactggaac agcacaagga tgtccactct caccctccct attcaataga gtccatgaa 56880  
 tccatgtcag agcaattagg caagagaag aaataaaaag gatcccaatg aaaaaaaaaa 56940  
 aaagaggaag tcaaaattac ttgttctac catgatatga ttctataact agaaaaccct 57000  
 gaagatttct ccaaaaagct cctagacttg ataaacaact tcagtaaaat gcactgttta 57060  
 taagtaaaat gctgtgttag aaacagaatg cttgttcttc ggtactgcaa ggaaaaaatc 57120  
 gcattttagc aaaaagtttt tttagcaagc caattttact ttctgcagaa aggggtctcc 57180  
 tgcagatgg aacaatggcg agagcaaccc tgaataatgg agagaagcaa tttttattcc 57240  
 ttacgcagct tgcctcgtct acgctgtcct gctcctcatt gctggagcca aacctcacag 57300  
 tctaactata aaccgcactg gctaataact taaaactttt ctaaataggt aaaaagcagt 57360  
 gaaagacaaa ggaaaaaggg aagttgtcta tgaaaaagct tgaaaaagct ataacattc 57420  
 caaaataaga aggggcatgg gctgcaagct gggacatgcc tgtgagcagc tccagcaca 57480  
 atacttgggt taaagtacaa ggacatagaa tgtactcatt ccttatact tcaacagct 57540  
 atatgataag gcttaacaaa aagttattag cacaagcga aaaggcttaa aaaaagttg 57600  
 tctttgaaa aaactattat ttctaacaca taatttactc attcaaaaaa aaaaactttt 57660  
 tgactttcta cactcaagat acaaaatcag tgtacaaaaa tcaagtagcat ttctttttat 57720  
 ttgagacgga gtctcactat caccaggctt ggaagtgcagt ggtgtgatg cagctcactg 57780  
 caactctcgc ctccaggtt caagcaatc ttctgcctca tctgtcctca tgcctgggat 57840  
 taccaggcag gtgtaccaca cctggctaat ttttgtattt ttaattgaga cggggttcta 57900  
 ccatgttggc caggctgggt tcaaaactct gacctcagtc cgttgcccca cgttgccctc 57960  
 ccaaagtgct gggattacag gcgtgagcca ctgtgcctgg cctaaaaatc agtagcattt 58020  
 ctatgcacca acatgtgtca gggtcaggct gagaaccata tccaggaaact ggtgatctca 58080  
 gttacaaatg tccccatcac acaaaataaa atccaaaga atgtatccag ccaaggaggt 58140  
 gaaagagctc taccagagga actataaaac actagatgaa gaactatagc tgaacacaaa 58200  
 aaaaatgaaa aacatccocag ctaatggggt ggaagaaagc aatctacaga tacaacacaa 58260  
 ttctctcaaa attatcaaca tcatttttca cagaattaga aaaaaaatc ctaaaattca 58320  
 tatggaacca aaaaatagcc gaataagccaa agcaatccta ggcaaaaaa caaagctgga 58380  
 ggcatcacat taacctgact caaactatac tacaagacta cagtaacaaa acagcatgg 58440  
 tatactggta caaaaatagg cacagagatc aatggaaacg aacagagaac ccagaaataa 58500  
 agccatatac ctgcaaccaa ctgatttttg acaaaataaa caaaaataaa caataaggaa 58560

70071441.020702



aggacatcct attcaataaa tagtgttgga aaaaactggct acctatatgc agaagaatga 58620  
 cgctggggcc ctacactctca ccatatacaa aaattacctc tagatggatt acagactctaa 58680  
 atgtaagacc tcaaaccttta aacattctagc agaaaaaacct aggaaaaaat ctatgtggaca 58740  
 ttctctaggc aaagaatttta tgactagacc tcaaaaggcat atgcaacaaa aacaaaaaatt 58800  
 gacaaatgag acttaatacaa attaaagagc ttctgcacag caaaaacaaac tatcaacaaa 58860  
 gtaaaacagac aaactacagaa atgagagaaa atatttgcaa ctatgcattc acaaacgact 58920  
 aataccocaga atctatgagg aacttaagaaa aaaacaccac cattaaaaag tgggcaaaagg 58980  
 acaggaacagc acacttctca aaagaagaca tacaagtggc caacaaacat atgaaaaaat 59040  
 gcccaacatc actaatcatc agagaaaatgc aaatttaaac cacaaaggga taccogtcaag 59100  
 aatggctatt attaaaaagt aaaaaaatga cagatgttg caggatgcag acaaaaaggga 59160  
 atgcttacac actgttggtg gcagtgtaaa ttacttccat cccgtggaaa agcagcttgg 59220  
 agattttgca aagaactgca aatagaatta ccagttgacc ccagtgtgccc atactgtgtg 59280  
 acctaccocaa aggaaaaagaa attgttttac caaaaggaca taggcacaca tatgtttatt 59340  
 gcagcactgt tcacaatc ataaatcatgt aaataaccta aatgcacact aatagtggca 59400  
 ccagataaag aaaaatgtgat actgtactc caaggaatac tacatagcca taaaaaagaa 59460  
 tgaatctgtg ttctttgcag caacatggat gcagcttagg attgccactt aagccataat 59520  
 cttaagtgtg ttaacocaga acagaaaaat cgaatactgc atgttcttat tttaaatgtg 59580  
 gagctaaaga ttatgtacac atgggcataa aagtgggaac aaaagacact gggagctcca 59640  
 ggaaggggag ggaaggggga aaggggtgaa aaactgggta ttgggtacta tgctcagat 59700  
 tttagtgtag ggttcaatag aagcotaacc ccagcattat gcaataacac catgtaacaa 59760  
 acctgcacat agacctgaat ctaaaaattt atatattaaa aaaaaaaaac ctgtctcagc 59820  
 cagtaaaaaa agactgtaat gaggatgggc ccagtgctct gccatttcca gccctcact 59880  
 ctccctctgt ctctctctca cctccgggcc tgaccgggcc tcaactgcc cactctctga 59940  
 cgtcttgtac cagctgagct ggccctcccc aacccatcct tcaactcctt ccactcctg 60000  
 gggatctttt ggctgcagc gggatgccag aacttgccct gacgaatttg tgtttcttaa 60060  
 attgtttttt tgggttaagga agtagctttg cgtttctgat tagaaaaaga tatgtgcta 60120  
 tcgtaaaaag aatatctgagt catgacagga gacgcctgaga gacgcctgaga atctcactc 60180  
 tccagcgccc atgataaacc accaaattct ggggagcctc ctttcatagv ttttgcagt 60240  
 tgtgcacatt tattctgtcca attttccatc aactgaatat aacatctgtc 60300  
 tctttgtttt gctcacctgt ccccccactg gccatcactg tgttctaac tggtagact 60360  
 gctcctgtt gtcctccatg tggcacaagta ggctcctgc cttactgtat tcattttaca 60420  
 taagtggagac atgcccocatt gcccttagcag tttgaaggag ctatttgtat acgacagata 60480  
 tgtatccttt ctgtgtctgt ttcttccact ttttccactg ttaactctgt tgggagacc 60540  
 ctccaggtca gctggaagg aaccaaagca ttcccttcaa agaagcctca acattttatg 60600  
 gtgaggagat ggaaggggctc actcactcaa tctctctctg ccttcagact gttttcaatt 60660  
 tttttccoca tcacaaacta tgctcctgtt gctacccaca ccatattgtg ttttcaatt 60720  
 tgtgtagtggt ctgttagcga aggctgagcc ttgggggttt gggtagtttt tcgagttagc 60780  
 agtgccctgcc ctactgtcc tcagacagtt tcaactcctt ggtgcacacc tgttcagtg 60840  
 tactggctgt cagaacactt aaacaataaa gtccctccca gtgctcctc aattgagacg 60900  
 gggcaggggc ctccctcttag ggcaactgtag ccccccagcc ccgcaacagv gcatggaaat 60960  
 gaaggaaaaa cccgactgtcc ttgaagggaa gttccagcca cctagctagc cctggaatat 61020  
 aatatgagcaa ctctgcacaa aagagggtta cagcagccta aacacacagc caaggaagcc 61080  
 agagctctgt cgtgttttgt tccctctgga aactaaaag aacctctgaa catgtgtct 61140  
 tgagttgttt ttccagaacac cagaccccca ccaaacccat ccaactgcca agagactcca 61200  
 gataaagacg aactgagvac tgaactctga gcagcctctt tgttttaaat ttctctctgg 61260  
 ggggcctggg ggaagtccc cccacaagcc acagcttaaca ttccctttgt gtaacccaaa 61320  
 tttttaagt aaactctctc tcccttaacca atttcaaaac aacaaatttt tgaactaac 61380  
 tatgacctgg aagcccaacc ccactcaag atatcccgcc cttttaggc aaaaaccaat 61440  
 tgtaccctcc atgtattgat taatgatttt gcctgttaac ttctgcaatt cctgaaattc 61500  
 actctgctct taataaacct taactgcaag ccatcaggga gtccggtgt taagagttag 61560  
 tgcaccaatt ctctcttttt ataaatgcct tgtgttctgt tgtattatat tagattatat 61620  
 cccaactctc gtgttttgtt ttgtgcactt gggcaagcag atccagctgc agctcggtaa 61680  
 caaacactgt ctgcgcacga cagcctcaac cccagagccc tctgaccgcc cactgcaaca 61740  
 tgcacctgtg acagcaggcg ctgtggggtc tgctccggtg ctggccgaag ctctgacctt 61800  
 ctcccggtgt tggccgaagc tctgaacttg ggctgccag gccccagat tatcccgta 61860  
 acactgcccag gctgcacaa ccatagaca gagcatgggg ctccgtctct cgtgtgtct 61920  
 gggagttacc ttctctctta tccaaccagg catgtcagaa atgtatgct atgtttaact 61980  
 tctatttcca ttctcttaac tacaggtgaa gttaggagtt ttccatatt ctggtgtccc 62040  
 atttaccatt ttctctttgt gaattgcta ttcataatt ctgtcattt ttccactgag 62100  
 gtattgtgat ttcccgctca atgtaaaaga gctacactgt tatcatagat aggcactct 62160  
 tagctgtcac ttctgttaag gttactcacc ctaactctct ttttctttt tggctttgt 62220

10071441.020702

tatgtgttat cactcaagtt ttaaaacatt acataatcaa atattgcttag ctttccocctt 62280  
 ataactctctt ggtttcccttt tctcttctaaa agtctctctga gtgtctgcgt aattagttttt 62340  
 tctaaatctgt ttactttttt tcatitttaatt ttctacttcaa tctgaattttt ttcttttttt 62400  
 tctaaagcaac tctctctacat gatgagattt atttttgttaa atggcactgac agagcagctcc 62460  
 aatttaattt tcttctctcag caaaggcaggt gtgatagcat cattaataata atatcccttt 62520  
 tctactgagt tgaaaaaacct ccatttgtgat acactgaatt cctctgtgccc ggagtcacatt 62580  
 tctgtatctt actctataact gtcccccatt tctctctgtt ttcaagcaaga gtgtctgctt 62640  
 aacagtaaac ttacaaatcc agcaaggaaa gtgttctctt tgtgtttttt ttaacttttt 62700  
 tttttttttt taaagatcag gtcttactct gtgtgcccagt gtggagtgca gtggagcgca 62760  
 catggtctcac tgaagctcca aactccctga ctcaagccat ctccagctccg cagcctctctg 62820  
 agcattgtggg atctacaggca tgcgcaccca taccataatt ttctatttaa tttttttttt 62880  
 tttaagacga tgaagtctcca ctgtgtgtgc ctgcctctct atgtgtgtttt aatttttttt 62940  
 aaaaaatttt tgactattgct agattttctt ttccattatga atcttccaat tttttaattg 63000  
 ttttctctcc tttttagtct ctcttccacca ccaccacacc aagataaaaaa 63060  
 attctggtctg aaattttact tgggaagtca ttaagttttt ataatagaat ttggtagaac 63120  
 tgacattttt acagtttctt ccccaatatt aaatcactgt taagatttca ttgtatatcc 63180  
 ttttaaaataa ctttatagtt ggccgggtgc ggtagctcac gcttgaattg ccaacacttt 63240  
 gggagctgga ggcaggcaaa tcacaaggtc aggaatttga gccaaactgg gccaaactgg 63300  
 tgaattgcgc tctctactaaa aaatacaaaa aattagctgg cgtgtgtggc aggtgctgtg 63360  
 aatccagctg actccgggag ctgaggcagg agaattgtct gaacacttga ggtgagggtt 63420  
 gcagtgaagg cagctcacgc cactgcactc tagcctgggt gacagtgcga aactccatct 63480  
 caataaaata aataataaaa taataataaa taactttata gtttttccct 63540  
 atatgggcat tatattttat tgttagtatg gagaaagctt atgtattttt ttgaaaaata 63600  
 tatttatcta aaacactttgc caaatgaatt tattaactca tagctttttt aaaaaattag 63660  
 aatctcttgt tttttagtgg tctaccatag cattaccaga aaagatcttc tctccgttct 63720  
 ttgacaaata tttttattga ttgttttctt gttttatcat gtggtatgac ctctaaaaa 63780  
 ttgttgaata aaaaacagtga taacagcatt ctattatttt ttgacttaga ggcatttaga 63840  
 ttgacatttt ttgatgttag ctatctttat catataaagt aaggttctct ctatattttt 63900  
 ttattagctt ttggtattaa atgtttattaa attccctttt aggttgaatt gatataatca 63960  
 taaactttat ccttatgggt ataataaatt atgggtgttag ctctcttgat attgaaatat 64020  
 ctggaataaa occctgtctg ttattacata tagtcaattt atcaactgtt gcaactcaact 64080  
 cgtcaaatct acccttagtt ttctttttaa tctttattta ataactggat ttgttttaag 64140  
 cctcttttgg aacgtctgct gtatccagtt tcagaactaa gcttaacaca gctttattatg 64200  
 atcaattttg ggtctgataaa gagccctgga aatgtcagct gcttagtgcc ttgggtgagac 64260  
 tcagctgctc gctgtgtagg tctgtttcca atcaactat ggaattttgc ctattttcta 64320  
 caattttctc taattttatc ttctctaggt ttttatccat ttctcaattt ttccaatttt 64380  
 ttgcatattt actctcattt aaaaaatatt taactcaaat taactgttctt tttttttttt 64440  
 aagagacggg gcttctgata ctgactgctt ctgactgctt gtggcctatc acaggtgtga 64500  
 tcatagcaca ctacagctc aagtgaacct cctgctcag cctctcaagt agctgggact 64560  
 acagttgtgt tgccctggta ttgcttgctt taattactct ttttatgatt agctttttat 64620  
 tccgaattctt gcaatttttt ttcttatctc tttttttcca tcagcctcat gaggagggtta 64680  
 ttattattat tttttggacc ttccaagaaa ccagatctgt gatttactat cctctggtct 64740  
 tcaattgtctt gagtctttat agtttgcaaa gtttccattt tcagaagaag aaagagacc 64800  
 aggaacactg tgtggctctt tcaaggctcc acagcctgct cagaactgtt gaaactgaa 64860  
 tttaagctag gcccctgact ccaggtgctt ccaagagatc tctgagccaa gcttttgaag 64920  
 gccactcag gtgtgctctg gatctccggg gatctccagc caatttttga tctttttagg 64980  
 tcaactgtct ctttacctgc tgcctcagtt tcttaggcac agggctctc tctggttaaca 65040  
 gacaggaaag tctcttaggt ctacgtgccc ctgggagact gtggggaggc ttggaactag 65100  
 agtcaagatga actcgtctga atcttagctc tgtgtgtggt ttgtgtctcag 65160  
 ttcttctcta tgggttaaat gatcaaatc aatagagccc actaactagg atggtgtgtg 65220  
 tgtgattac aaaaaataag ataggttatc taatacccaca gtgttcaatt gtgctcaaga 65280  
 atcogaattt tttaggtttt tagcagtggt tatacttcat tatgtgcaat acccctccc 65340  
 acccccagct tagggcaaca tactatttta caatcgaaca gacagattt tctggaatga 65400  
 tccacataca tatcacattg aatggaaaaa gcccttaaat aaactcaact attgctcaaa 65460  
 agaaggtttg tttaacaaga atgaatttgc tgcacagttt tgaatatgt agcagttttc 65520  
 agattttttt gatattagaat cgagggttaag ggattgcgga ctgtgcaagt taacccatag 65580  
 gatagctctt gcatgtggct ggtgcctgac ctatccagct gctattgtgt ccacagctcc 65640  
 caaagtcocag ttcatggaca ttattttgct aatgctcatc tgccagttct ccacaggtct 65700  
 ctctgocgag tctctcccta ctcccaggga cctatgccca gctcagctcc ggccttgccc 65760  
 cctgctgtct gcacaccagc tcccagcctg gcagcaggct ggtgccagga acagggggag 65820  
 acaaaagcct gtgcccgctt gcttttctc cagggtctcc ctcttctcc tgccctcatc 65880

10071411.020702

ccggtggaca taagaactca catcatcacc aaaggtggca taccaggact ggccctgggtc 65940  
 ctgaccccag aaccatcagt gccccctcagt ggtcttggtc tccagcttag tccacagctt 66000  
 cactcgctcg gccctctggca gccaccttgac tggggggccct tggtcagggt gctgggggtgg 66060  
 agagtgcaga atatatcccc agggcaggtc ctcacagctg tgccctcgact ggccagggggc 66120  
 ttctcaagtg tgccctgggg agtagaaccc tctccgcccc tatggcagac ccacctcaagg 66180  
 gccctgcagg agccctagtg tctttcaaga catagcttcc tcagctggag tgtgaatgga 66240  
 gccaccagg agccctgggt cgcagaggac tgagctgctc agaaaaggtg agcccccagg 66300  
 agcctacctg gatggcaatt gggacaatct tgttgccag gttcttatac agcagacaga 66360  
 tggggcgggc caggaaactg agtgtgcagg gctctgtttt gtggcaatcc atgcocatca 66420  
 gcagctcaaa gtccacagatg aaaaatgttcc cttgctgcag gaggcagaga gatgtgtcca 66480  
 aatcagcgtc agcagacgga ccaaaaaatca ggccctgggga aagagtgatg acctctgggc 66540  
 acccctctcc ttttctcgcg actcagcgga gctcagaatg gctcactctc tctctcgact 66600  
 ccaaggctga ttgattcaca tgggaaggtgt tcacaggttg tggcagttcg gggtaaagatg 66660  
 aaggaatggc agcagctcat tcggcatttg tgggtctcga aacctgcttg actggcagca 66720  
 aagatgagag accgaccgga gtgtcagttt actaagaaga aagaggttag gtgaaataga 66780  
 tgtgcagagt taaatgccaa tcttcaccac ggggctgaag gtccgcttg actggcagca 66840  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 66900  
 nnnnnnnnnn nnnnnnnnnn nnnnnnggggt cctcagggac tggcgccagt ccccgccagg 66960  
 tctccacott aggettcccc aagtcggtca agacgcggga gcagctgtcg gagtacctga 67020  
 ccgtgtgtag tctcaocgoc tcgcgccagc acgcgcgggt caacttcggc caggtaggca 67080  
 gggccggggcc cgtctgggag ggtccctctc tcaaggccgc tgccctctcc cccgccccgg 67140  
 ttctgcagcg gtactgcacc ctccggacagc ctccggggcct ggccacgggac ttgcaggatg 67200  
 gattctgcgc gtactgacca gggcgtctggc cgcgggggaaa gaggatggac ggtctcagg 67260  
 gcccgctgga gtgtggggggc accgggagga cggggccagc ggggcagctg ggccagcagg 67320  
 cttcgggggt gcccaagcct gctggcggtc gttctcagag tgcactgggt gctcctggat 67380  
 ccccaatgctg cccccaacca tgccagcccc gccaccgact gccaaagggt tggtagacct 67440  
 tgagcagatc tggcacacgc tgcccgaacc cggcgctcc tctcgccatc tgggtgcagt 67500  
 cggcgcgctg agccagcttc agggaaaacga ggtgaaagctg ggcagggcgg ggccacgcc 67560  
 taggtcaccc caggttaaag ggttctccag cctcagggct ttgtgactcg ggccccagg 67620  
 cactcttga gcccaaggat cctgacttcc aaggctggaa gggccacaga ggtcgaacc 67680  
 gccaccagtg cccccggcct Cagcctggac agagctcagg gtgacgcccc cctccccacc 67740  
 cacagccagc agtttgtcca ctgtcaccag agggctgtgt gtgacgcccc atgcaacaga 67800  
 ctattgacaa gotttcttga catgtgtttt acctgggtac ctccaggaaga atgacaactg 67860  
 gtttctggg ttctctccgg acacgtgcat ctcatthaac ctacaaactg aatccgggtg 67920  
 gtctctgtg atgcaccgcc ttgggggtag ctccagtact catagatgg ccggacagg 67980  
 gccacctgct gcagactgct ggtgtctcga gttgtctccg gccaatgtgt tgggtcccca 68040  
 ctggacatcc ttgtttttgt ggtcttgca atgtgttcag tatgaccga cacattctca 68100  
 gcagacaaat tctttgttca aagaatattg atactgaatt tgcctccaca aactaaattc 68160  
 aaaaatccat tatcaatagc ctatgtttct tggaccttcc cagctcagaa gctttgtgat 68220  
 cttaatccaa tacagtattt ttttaaatg atatctagct ctgccccga gacatctgtg 68280  
 tgaagaatca aataagcaca gggccccaac agggcagcca ccccttcagg ctccctggcc 68340  
 cgctttctgc ctctctgggc tggagaggcc agtgcggccc cagcgccccc tgatggagg 68400  
 tggagctgct gccaggggtt gggcccaagc agcaggatac catggtctga aacacacaga 68460  
 gcccagcgtc tcatctgcac catctcgtaa ccacttggca gcaggcagtt atttcccc 68520  
 ttatccatga agcccccagc ctggagcctt ccttagagaa gcaggttga ggccagcaga 68580  
 ctctctctcc tgttcaggca ttgtcaggca aatatggga aatgataga ggtgaataga 68640  
 tgctccctcc ttcatctccc aaaaggtggc tggccctctg ggtgatgaga ggccgtgtag 68700  
 tttaacagc tagtgatgt acctatgtgt ggtgtccatg ctggggccctc agctgttctc 68760  
 ggcatgtac ccagaagagc attttatcga gaagcctgtg aaggaaagca tggcccgatt 68820  
 ccgaagaagc ctccaggcca ttgtcagcgt gattgtctgag cgaacaacga agaagcagct 68880  
 gccatattac tacttctccc agacccggtat tccgaacagt gtggccatct gcagcacatc 68940  
 ccagctctcac tgtgggaaag ccagctgccc cagccagatg gactccagcc tgcctggcag 69000  
 cgtgtctgca caggcctctt ggcagtcaca tctctctctc cagggcagct acccttccat 69060  
 ttattctctt atcttcaggg aactgcatac attgatcaaa gtgtaaacac catagggacc 69120  
 cattctacac agagcagdac tgccacagct cctgtccaca cccagctcag catttccca 69180  
 ccaagcagca acagcaaatc acgcacactg atagatgtct attctgttgt gagacatggg 69240  
 atgattattt tctgttctat ttgtgcttag tccaattctt tgcacatagt aggtaccocaa 69300  
 ttcaattact attgaatgaa ttaagaattg gttgccataa aaataaatca gttcaattaa 69360  
 aatgggtctt gttccatgtg ttatatcca atcaccccaa acagctcact gccactccc 69420  
 acacaaaaag cctagtttca cctaggtcac cgtgatttta ccaagtcgaa agctcccca 69480  
 cccaagctcg gatagaaggt gctttttccc tcaaggcagtg tctactctct ttggaacaca 69540

10071411.020702

tcccaaatgt	caccacctct	gggaaggcat	ccttggttcc	tgtctctacc	ctggatttgt	76600
cagaaacctt	gtctttgcc	cctctgtggt	ctctcccttg	ggacaggagc	ccctggaagg	76660
acagaaaaac	caactttatt	atgtctgtgc	ccacgggctg	ctacaaggca	ccagcactga	79720
gctgttctct	ccttttccct	ctggaagggc	acctagctaa	tggatatatg	gcattgtctt	79780
gggagctggg	ggcttatttt	ttcctgaggg	agggttctta	acatgacata	aaaaataaaa	79840
atgggcaggg	cggctgggct	cacgcctgta	atccagcat	tttgggaggg	caaggtggga	79900
ggatcatttg	aggtcagaat	tcaagccagc	ctcggccaac	acggtgaac	ccatctcta	79960
ctgaaaaatc	aaaaattagc	caggcatggt	agcaggtacc	tgtaatccca	gctactcagg	70020
aggtcgaggc	aggaaaattg	catgaacctg	ggagacagag	gttcgacaga	tggatattcg	70080
caccactgca	ctccoagcctg	ggcaatagag	cgagactctg	tctcaaatag	tttaataata	70140
aataaattaa	attaaataaa	aacgcattct	ctttcccccag	ccccaaagt	ccagagccgc	70200
tctgagctgt	ggcatggtga	cccatctctc	tctgtctcac	atgcccaact	ccagagcctc	70260
cagccctctg	cttcgggaatc	atgtcatcag	ggtctcccat	gtctctggaa	ggtgtctcca	70320
gtgtggcagg	ccatcagctc	agtgtctggg	ttaaaggctc	tacagggccca	gcataggcata	70380
ggggggagggt	gtgcatcgct	tectgaagcc	acaaggctct	ctgaggagac	ctgactattg	70440
gggtgaatttc	tagagactga	ggtccagccc	cttaatgcc	cagactccct	gccatccctc	70500
atggtatagg	cattcagctc	catgccactg	tgagatgaa	gtgaacataa	acatacagct	70560
agggcctctg	ggtcagaagg	agagggaaaa	cgaataggag	tagggcaggg	tggtgaaaga	70620
ggtctgacat	ggccaagaat	gacagagaag	gattgggttg	gaagggcttc	agatggcaga	70680
gaacctctga	aaaagtctca	tgccagctaa	tgaagagtcc	tcaaaagtca	catcacagaa	70740
atcttatact	tggcagaatt	gacagcaata	gtttggcatg	aacccccacg	tggtatccaa	70800
ctgtgtggcg	ctgagatcgt	cagtttaatta	tgtctctgcg	agctgtctct	tctgtgtccc	70860
tggagctggg	tatctgagta	gcacagctcc	actgctacca	caggagaggg	agaatcccaa	70920
attctgtgca	tagactgtct	aaacctctgg	atgacctctg	acataacgca	gcataagcca	71040
aactgcacaac	agcccaattt	aggataaaaac	agcctgtctt	actctgtgtt	tgctgtcata	71100
ataaaatacc	tcagactggg	tcattttatat	agaaacagaaa	tgtattcttc	acagattctg	71160
aggtctggaag	tctaagagga	ggcaactggca	gtttcagttg	ctggtaagagg	agggatcagt	71220
gtctctctcc	aagaggtatc	cctctgtgct	gtgtctctac	cgacaggaag	agcaaaaagg	71280
ggcgaaacatt	ctcaaaagcc	ttttttataa	ggacatcaat	ccattcatga	gggcagaaac	71340
ctcaagaatt	aatcatctct	caaaaaggccc	ctctctcaac	tctgactcac	tgggggttta	71400
agttccaaca	catgattttt	ggaaaggacac	atacattcaa	atcattgcac	aaocaaagtg	71460
atatttgaa	tttcaaatag	tttgagcttt	gagatcaact	aggttaattg	cttgtgtgaa	71520
taaaaacac	acagcggggc	acgatggctc	agcctgttaa	ttccagcact	ttgggaagcc	71580
aaggtgggca	gatcactttg	ggtcaggagt	tcgaaaccag	ctgaccaaac	atgggtgaac	71640
cccatcttga	ctaaaaaatg	aaaatttagc	caggcgcccg	ggcgtgggtg	ctgactgctg	71700
taatccagc	tctttgggag	gccgaggggc	gtggatcaca	aggtcaggag	attgagacca	71760
tctgtggcaa	cacagtgaaa	ccctgtctct	actaaaaatg	caaaaaatag	ctgttgagac	71820
tactcgggaa	gctgaggcag	gagaattgct	tgagccgaga	tcgtgccatc	gcactccagc	71880
ctgggggagc	agagcaagac	ttctgtctca	aaaaaaaaaa	agaaaaagaa	ttttctggat	71940
taggataatt	ttctatattt	ggataagggt	ttaggttacc	tagatagata	cattttacaa	72000
aagtcataca	atgtgtcaact	tcagatgtac	gcagtctact	gtatgtaat	atatacccaa	72060
actaaacagc	aaccatgagc	aaatactgac	ttctagttaa	cgacatgcac	actgaaactt	72120
tcgtagttaa	gtataattat	ggctcgagtt	gactctgaaa	tacataaaaa	cttaagttga	72180
tgggtgaata	cagtgattaa	tagatagaaa	tctgtgttaa	agcataccga	gaaaaattgt	72240
aaatttgat	tctagggttt	ataatatctc	tcactatata	attaaacglt	ttatgttta	72300
aaaattttta	taagtgtgaa	aaaccatgaa	atcttacctc	agccagtaag	ctaaagaaaa	72360
gagataaaaag	gtatatgtac	tgggaagtga	gaaataaaac	cgctcttgtt	agcagatgac	72420
atgctcatct	atgtgaaaa	tccaaaagaa	tggaataaga	actacttgga	actaataggt	72480
ggttacagta	aggttgtagg	atacaagggt	aatatacaaa	agtcacatc	ttctctattc	72540
acagataatg	aacaagtggc	aattgaaatt	caaaaacaaa	tactattata	attataactc	72600
caaaaataca	tactttagtt	taaatctaat	aaaatacata	caagatcttt	atgaggaaaa	72660
ctcaaacctc	gatgacagga	atcaaaagaa	aactaaagaa	atagacataa	gtaaatattc	72720
cccaagaaga	ctcaaatattg	tcaagatgtc	agttcttcaa	aacttgacct	atagattcaa	72780
tgaatctcta	atcaaaactc	cagcaagtta	tgttgggtat	ctgacgaac	tgtattcttt	72840
tttttttttt	tttttttttt	agacggagtt	tcgtctgtgt	gccagggctg	gagtgcaagt	72900
ggcgcagctc	gactcaattg	aagctccgcc	tcctgggttc	cccgacttct	ctcgctcag	72960
cctcccatgt	agctgggaac	acagggcagc	gccaccatgc	coggctaatt	tttgatattt	73020
tagtagagac	gggggttccg	cggtgttagc	aggtaggtct	cgatctctcg	acctcgtgat	73080
ccaccgtctc	cggtctccca	aagtgtctgg	attacaggcg	tggacagcca	ctcccgcca	73140
acttattcta	aaatttagat	agggaaagca	aagaccacga	acagctaaac	caacaataa	73200

1007141.020702

gtaggaaaac	aacaaatttg	gaaaatggat	actaccaaac	tccaagactt	actataaagc	73260
tacagtaaac	aagatagctg	cgtatgtgtg	aaagaataga	caaatagatc	aatggaaagc	73320
aatagagagc	ctaagaaata	gaccttcata	aatacagctc	gaacaaagt	gacaaagt	73380
catcagacac	acaatggagc	aaagattgtc	ttttcaacaa	gtgggtgcag	aacaactgga	73440
tatccacatg	caaaaaacaa	caaaccaagc	tgaatctaga	tacagacact	atgctcttca	73500
caaaaattaa	ctcaaaatgg	attatagatc	taaattgtaaa	attcaaaact	ataaaattcc	73560
catcacatag	gataaaaatc	agatgacctc	ggatggccta	tgaactttta	gcataaacac	73620
ccagcccatg	gtccatgaaa	gaaataattg	gtaagttgga	cttaatttaa	attaaaacct	73680
tccgctctgc	aaagaccac	actaggagag	ggaggaaaata	tttacaaga	cacactgtat	73740
aaagaattgt	tacttaaat	atacaagcc	tctctaaact	taacagtaag	gaacaactgt	73800
gattgaaaaa	tggggccaa	acttttacaa	acaaaagaag	atatacaaat	ggcagaatgt	73860
tattgtgaaa	gaagctgcac	agctgggggg	cgtgtgtggt	cacgccttta	atccagcac	73920
tttggggagt	caaggggggc	agatcacctg	aggccaagag	accagcctgt	ccaacatgga	73980
aaaaacctgc	aactataaaa	atataaaatt	agctaggcat	gggtgatgat	gcctgtcatc	74040
ccagctactt	gggaagctga	ggcaggagaa	tcgcttgaac	ccgggaaggtg	gaggttgcag	74100
tgagccaaatg	tcgcgcactt	gcactccagc	ctggggcaaca	agagtaaaac	tcgtgtccaa	74160
gaaaaaaaag	aaaaagctct	acattctatg	ttatcaggga	aatgcaaat	tagaataaac	74220
caataacaaa	ataccactac	atacatatta	gaatggccaa	aatggagaac	actgcagaca	74280
ccaaattgtg	aggagagatg	ggagcaacag	gaactagaga	gaatgcaaaa	tggtatagcc	74340
acttaggaag	ccagcttggc	agttttctac	aaaaactaa	atacttttca	ccacacactg	74400
agcaatcaca	ctccttggta	tttacttaca	tcccaacaaa	aaacctcata	tggtgtctca	74460
gagcagcttt	gttccataat	gtcaaaaact	ggaagcaacc	aaagatgcc	ttcgggtagg	74520
gagtataata	ataaatccca	gacaatggaa	ataccattca	gtctcaaaag	gaagtgtgct	74580
atcaagccat	gaaaaggcgt	ggaagaactc	gaagtgtgta	tcactaaaa	tcgaatcgaa	74640
aaggtgtgat	aagtttccaa	agatatgata	ttgcagaaaa	ggcaaaaact	tgagagacat	74700
aaaaagattg	ccaggggcta	gggcagtggt	agggatgaat	agggcaggcc	cagaggtatt	74760
tcagggcact	acaactactt	tgtatgacac	tataatgttg	gagatgcaca	cgatgcctca	74820
gaatgtagaa	caccaagagt	gaaccttgaa	ctatggactt	tgggtgatga	ggatgatcca	74880
gtgtagcttc	ttggtatgta	ataaatgcac	cactgtgggg	gggggggggg	attgtagaat	74940
ggggggtgtg	cactgtgtat	ggacaggagt	aaatgggaaa	tctctacttt	tgttaccgtt	75000
ggagggtgat	ccagcttttg	aacaaaaaat	tggcaaaaac	gcacaaagac	aggaagaaat	75060
gaagcaacaa	aagcagagat	ttattgaaaa	cgaaagtaca	ctccacaggg	tggggcaggg	75120
cctaagcagc	tggtccaagg	gcctgaatac	agatttttct	gggggtttaa	taccctctag	75180
aggtttccat	gtgttactgt	gtgtataacc	tccgcaaatg	agaggagtga	agggagggtt	75240
caaatgtatt	tacttgggtg	agaaaaatag	ggtttttccc	ttttatttag	ttgtaggag	75300
cccttaggtt	actctgcctc	agacctattt	ctcctgcctc	attttattcc	taatttttgt	75360
gtgaacctaa	aattgtctta	aaaaatgaaa	tctttttaa	aagaaaaata	acttataaat	75420
tgcacaatag	tgtcaactac	ataaaaacaa	agaatttagt	tcctcatatc	aggaaaaaaa	75480
ccactataat	tcaatgtaaa	aatgcaaaaa	agccaagaga	aatggccaag	ccatggaaat	75540
tcacagaagt	agaaaatggc	agtaataaaa	caatgctcaa	tttcatttat	ctgagaaaatg	75600
gagagtataa	cttccagtgc	atacaaaagg	gtacaacatc	ttttaggaa	aattttaaaa	75660
atacaactgt	tgtatgtgct	caggaaaagt	tcatattctc	actgtagga	gttaagtga	75720
tcattttaga	ggctcagttt	gcaactttag	agatcaaatg	catctaccc	tttctacttt	75780
ctagaaatgt	actctcagaa	gtgcctctcc	ctccctca	acccccacag	gttctacaaa	75840
taaatgacat	ggatgtggac	tgcagcctgt	tttctaatac	caaaaatcag	taacaacact	75900
aaaaatctgt	attccatgag	atttaaagaa	atctcgcatg	agttgaaaag	ataaaggtg	75960
atgctcggtt	ttaacaatag	aaaaatatca	actggttgtt	agatgaaaa	agcaagttgc	76020
aaagtgggtt	aatgtgtaaa	tgcagtaagc	aaaatacatc	atatatatag	tactttctat	76080
gtatttacct	tatgagcgtg	gatgcctcca	actgcatagc	tattgtctcc	ggagcaggac	76140
cttctgaacag	cttgcctctgc	cctgactgtc	ctgagggggc	tttccctggg	aaaggaacca	76200
ggtttctgatt	tcagtctctt	ttgttatcac	catgtctgaa	ttcttctgtc	tcatatgctt	76260
tttccctcgc	tgtactgatt	ttaccttaca	gaagctctcc	ttagtgcctc	atcagacact	76320
ccctcttttc	caagaaaagg	acagccgcac	tcctatggta	ttctggttga	ctcagaggtga	76380
gccccaggga	tcagtgtgct	cccaccaggc	tgacacccca	ctggtgagga	gttgcccttt	76440
ggcttttttc	agggccaagc	actcagaggt	gtggcaggat	gtgatgtcac	gtgcgcactt	76500
ccaagggccct	ggagagtgc	tcaacgcctc	tgttattaag	atgtcacaca	ggctgtgcag	76560
caacaactct	aggacacac	ttcaactgca	cagagtgtgc	agaacttttc	tataaagggg	76620
ataccagtga	actgttagtg	ctttgttagc	catatacttc	gtcccaacaa	ttcaactttg	76680
ccactctgat	ctgtgaatac	accgtagata	atattaaagt	aatgtgcact	gctgttttgt	76740
aatagtttat	tgacaaaaac	agctgctttt	gacagctttg	ctaccccgac	agagactgtg	76800
gggagtcctt	ggtggcagcg	agctacagcg	agccagttac	ccatcagttg	ggctggttcc	76860

1007441.020702

atctctctcaa	gocctgocctgc	accagacacac	tgctgagctgt	gtcttcacagaa	aaactocttaa	76920
aattccccaaa	aagcacacagct	gctccccagag	agccacctccc	ctccacctctct	tacagggcgca	76980
gggtctctctt	cgggtctccac	cctcctccagc	acggagctcca	ggggccactcc	ccactccctcc	77040
ttggcccgcaa	gcacagacact	tcaccacacag	gctcagcagc	ctctgcccggc	tgccccccac	77100
ctggagctgc	agggctccac	tcctggggagc	agctgtgacc	atggctctgc	aaagcagcct	77160
tgctgctagc	tcaccaagtca	gctggcagccc	cagagtggaa	caattctctgt	gtcacctctt	77220
gagacacagc	cacactctggg	caagcctggc	ttccaccccc	tcacactctgc	caactctcta	77280
cccttgccat	gctctgagta	gggaagctgc	aaccaggcct	cagcaactccc	agacctgtgg	77340
gggttttgtc	tgctgagagc	cgtggcaactg	cctccctcag	gaggcctctg	ccagagccagg	77400
gggtgcagcg	tgccagagct	gtcactggca	acccctgctgg	ctccctcgtg	gctttctcag	77460
ctgggctctg	ggtcagagca	aattttctatg	gataaggctg	gatcataact	tagtgtctca	77520
tggtcatgca	gcgacagact	cagagtctgcc	ttctctcagg	gtgggtgagc	cagggtaggaa	77580
cgggatgttt	gaagcaagca	caactgtgag	aaatgcctgt	ttccactccc	atccccacaca	77640
ctcgtccaga	cactgccagc	ccaccccagc	ccacagctgc	tgaggggagg	tgaggaacac	77700
agacacctcc	aggagccgca	tactattttcc	tgatgtgtaa	gccagacaac	cctggaaaagg	77760
aggctcagga	accggagtgc	ctgcccaactg	ccccagcctc	cctgcagcaa	aacactctca	77820
tgccaaaact	cctttttaaa	gaaaggcttt	attgctgcga	ttagacaatc	cagtgtatag	77880
caaaaacccc	ctgtctagca	gaattattca	agtgtaata	ctgagaacaa	gaacactatc	77940
caaaaagaat	acaaaactag	acatttagat	cactagaaac	tttctaaggt	aagaaaattt	78000
tcbaatgtga	agtgctcttt	agaaaactaca	ccacacatgc	cagtgtaaat	ttgggttaac	78060
aatcaatttc	tataaacatt	gcacttaact	gtgcactgat	caactgcaca	acttcaacaa	78120
ttacttccaa	gacaaagata	aatgctttta	tttccctatg	ttttggtctt	tccttgggct	78180
agagacagaa	gctgcactgtt	tcaaaaccaga	ttcaaaaggg	aaagcacttc	aaacacagaaa	78240
gtacttcaat	ttgtgtatttt	ccttcagcca	catccagaga	cttgttgatc	tcaccocggt	78300
gggtcccgagc	cctgtctcaac	cctgaagccc	acagcagggg	ccagcagatc	gccccagatc	78360
gtgcagacat	acccccaggc	tcocaaactg	gccagctgc	ctgaggccgt	catgctctgt	78420
gccagtgtag	acacagttag	aggtttgtaa	actaggccta	caagactcga	aggagtgactg	78480
aagcacaaga	ggggagaaca	ctagaggcct	acagttagaa	gagactcttt	atagagtatt	78540
caggaaaattc	tcacaaataa	cttgggcaca	aagacocaaat	ctgtgagggc	agaagcctgc	78600
ttatggtact	gtgactctgt	gggagttag	gccaaatcag	agagggctgt	ctgggtgatc	78660
cccgacacac	ttgctcttcc	ccctccctg	gctcaaaaat	agggccctc	ctggccctga	78720
gacctcattc	tggttttcta	tatgggtcaa	coaaatgcc	tcctttcaat	aaacccaggt	78780
gcaaaatggg	gggggaaggg	gggaagctgc	ggagtacaca	gcacccaata	gaacccagag	78840
agcaagtttt	ccagggctac	aggaacattg	ccagagctgg	tgccacacac	agatggggag	78900
accacatccc	caccaggctt	catgcttcac	tgctagatgc	agggggcctag	aagggtctga	78960
tgatcatgca	gctgaactag	aacottcaag	aaagaaagag	ccaggggggt	ggctctgtgc	79020
cccgcacaga	gaggaaaaga	gaatgtgtgt	ggattgtcca	cagtggggcc	agaaacgatg	79080
agatggtgtt	agggcagaaa	gaaggagag	ggcttccat	gagaaatctg	ctgggcatgg	79140
gagggataca	gggtcagtt	atcaaggcac	ctttgccata	gtgggggtgc	agctacattg	79200
gggtgggtgag	ccaggggctg	tcctacacta	agcactttct	tgctcacagg	aagtctttgt	79260
gcttttcaag	ttcagcattaa	ggggttccat	atgtgaagtg	gggattacaa	cttagaaaaat	79320
ctatcctggt	cttcactgca	aacactatc	tactgtctgg	gtgcaggaga	actgatataca	79380
aaccaggggc	cttgcctggg	cagttcctaa	gggacattgg	cagggctgac	ctgggattca	79440
gctccctcga	gtggacagct	tgtggttgcc	tggtgtcccc	gggttagaga	gggtatggg	79500
taattgcact	tcggggcaca	gtgaacacag	gcacgggctg	gatgtgccct	gggagacaga	79560
aagggaaggc	tgacctattc	tcagggagctg	gctatggctg	gacagtgcct	gcccggccag	79620
aggaaggcca	cagcagagcc	actccacaga	ctaaagcctg	tggtgcaacg	gaatcacaga	79680
ctggctctgca	ggagacagga	ggacaaaagc	tgctgctatt	aagcccaacac	cgtagcttag	79740
agatccttga	gcctcctggc	cttcaaaaac	aactccaggg	cttccactct	gaagggcaaaa	79800
ggaatcaact	cgtgtttgct	tcacccccct	acagggatga	acgaaacgct	taaggcccaa	79860
aaagactgag	ggcagcagcc	ccagcatctc	ccatctctcc	cgtgcaggct	gggtgagaga	79920
atggcctctga	aaggaaagcat	ctgcgctaca	ttgtgcttca	ggccccccca	gcaactttcc	79980
cggaggtaac	tattttgctg	gaaaactagg	aaactggggt	ttaaaaaacg	aattttaagc	80040
agacttttta	gagggaacag	gccatttgat	ggtagtgatt	ttggttttgt	tttatgaaaa	80100
gtgtacagg	ggtaactcct	gatgacagaa	tgacatgaga	gtggggccga	ggccctgaaa	80160
ggatcctgtc	tgttcagctc	ggttaaggcg	acagctgggc	gggactgtgg	ccggggagca	80220
gtggcacagc	ggacccctggc	agtttgctca	caactggccc	tgctccagca	gcaagccacg	80280
gctcctcttg	gcctctgttag	tgactccaca	gaacttcccc	gagcagaagc	ctcacagctg	80340
gcgacacccc	atctctgcatg	caaggagaaa	cctgcagcca	gtgcacacac	cccggccagg	80400
gtggcacatg	gctgctcttt	caatgtgaag	ccaacaccaa	ctggagagat	cttcactaaa	80460
aggaatattt	tttaaaattt	cagtttttgt	gtacttaact	acttcccttc	cttccatttc	80520

10071411.020702

gattctcagaa	actgttcttt	ttcagtggtg	acaaaaaaga	aattgtatggg	ccagggtctac	80580
aaagttaacac	cttgtcataa	aacagggtca	aaagcatagg	aatcatgctt	taattggcat	80640
ttagatcacca	taacttccca	tgagatctgt	gattaaaaaa	gaatccctgt	gcctgcttgt	80700
ccctgtcttaa	aaagcatgag	tctgttttat	gaacagaaag	aatgccacgc	ttcttagcat	80760
atgtaaggca	aaatggattt	ttgatctctc	atgatgttaa	ggagatacaa	aggttaaggaa	80820
gggaagatttt	ctaagtagaga	ctttttttga	gtgtcaatcc	cgctggacac	acatatatca	80880
aaataaagat	tttctctctg	aaagtgcgtg	ttgctcaagt	aatcatggct	caccacagag	80940
caccatggct	ccacctgtct	aaagacatgg	aggaggcagc	atcgccagag	ggcaggcagg	81000
agtcctgtgt	tgggggtctg	tttcaatacc	atctcctggg	gttcgcctgt	atcagagggt	81060
aatcttctcg	tcaggtctag	acactcccca	atgctctgtg	ccagggtctgg	gacctactga	81120
agctggaggcg	ggctgggtat	caggggcctgg	gcacccctgc	ttctctctct	cccttgggat	81180
tggcattttaa	ttctctcaat	cagctcaaga	ccatgggcag	gaactctgct	gtcttcccat	81240
gatgtcatca	tgggggtctc	cactttccca	cagagctgcc	aggcagaggc	aggaccacag	81300
catgcctggcg	ccacaggaag	gttttctagg	agactaaagg	gggtttagaa	aaagagaagg	81360
cactataaat	agtcacctgt	ccagctctatg	ctattaaagg	acataagaaa	ggtatacaat	81420
tggcagtaaa	caatttctct	cagctcttca	tggatgtcca	ggaaaaatgc	aacctgcaca	81480
caatcacagg	tgaattgatt	ctgctccagt	gtcttcaggc	ttgtgtccaac	aagaagagtt	81540
tgtgtcgagaa	tgaacagatt	catatccatg	tttattttca	aaagtgggct	ctgttaagtgt	81600
agattttttca	aaaaatctct	ttttgctgtg	ttctggacag	ttttgaacct	agatacactt	81660
attataggct	tgtagtcact	tccacaattg	acatacaact	ttacactgaa	catcataaaa	81720
aagaagctct	ccggtgaagc	cgatggccac	aaccaccaat	ttagttccaa	aggggccattc	81780
taggatttct	ggaggggaaa	aactcagcct	attagatttt	atttaagata	tgtcttccac	81840
accgggctga	agnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	81900
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	81960
ctgtgacatt	agagtttcgc	gtcgggggag	agggaaaagg	agggaggagag	ggagaggagag	82020
aggggagagg	agagggagag	ggagagccat	atgtagttta	aagttagttt	tttccaattc	82080
tgaagaagaa	gcttagtgga	gcttgatggg	gatggcaatg	actctataga	ttaccttggg	82140
cagtagtgct	atttttcagg	tattgattct	tctaccctat	gagcatcgaa	tgtcttccca	82200
tttgttttga	tctcttcagg	tttctgtgag	cagtggttta	tattctgtta	tgaagaggtc	82260
cttcacatcc	ctgttaagtt	ggatttctag	gtattttatt	ctctttgaag	caattgtgaa	82320
tgggagttca	ctcatgattt	ggctctctgt	ttgtctgtta	ttgtgtctgt	agaattggtc	82380
tgaattttac	acattgattt	tgtatactga	gactctgctg	aagttgccta	tcagcttaag	82440
gagatttttg	gctgcagaca	tgggggtttc	taggtatata	atcatgtcat	ctgcagacag	82500
ggacaatttg	actctctctt	ttctaatcag	aatgcccctt	atttccctct	cttgcgcgat	82560
tgcctctggct	agaaactcca	acactatggt	gaataggagt	ggtagagagag	ggcatccctg	82620
tcttgtgcca	gttttcaagg	ggaatgcctc	cagtttttgc	ccatgatgta	tgtatttggc	82680
tgtgggtttg	tcatagatag	ctcttattat	tttgagatag	atctcatcaa	taactaattt	82740
attgagagtt	tttagcatga	agcgttgctg	aattttgtca	aaggcccttt	ctgcactata	82800
tgaataaatc	atgtggtttt	tgtcaattggt	ctctgttgtg	tactgggtta	catattattga	82860
tttgtgtacg	tgtgaacagc	cttgatcatc	cagggatgaa	gccacattga	tcatggtgga	82920
taagcttttt	gactgtctgc	tggattcgtt	tgccagttat	tattgagagt	ttttgcatcg	82980
atgtcatcca	aggatatttg	tctaaaaatg	gttttttgtt	gggtctctgc	ccagcttttg	83040
tctcaggaat	atgctccccc	tattaaaaag	ggggaggagg	attccctctt	tttctattga	83100
tgtgaatagt	tccagaagga	atggtaccag	ctctcctgtg	taacctctgt	agaattgggc	83160
tgtgaatctt	tcagggtctg	gactgttttt	ggtttggaag	gtattaatgt	ttgcctcaat	83220
tccagagcct	gttattggct	tattcagaga	ttcatcttct	tctgtgttta	gtctctggag	83280
gggtgtatga	tggaggaatt	tttccatttc	ttctagattt	ttcatgattt	tgtcatagag	83340
gtgtttataa	tattctctga	tgttagttta	tatttctgtg	ggatcagtg	cgatatcccc	83400
tttatcattt	ctatttgatt	ctatttgatt	cttctgtctt	ttcttcttga	ttagctctgc	83460
tagcgggtcta	ccaattttgt	tgatcttttc	aaaaaacccg	ctctcggtat	catgtgattt	83520
ctgaagggtt	ttttgtgtct	ctatttctct	cagtttgtct	ttctctctag	tatttctctg	83580
ctctctgtcta	ctcttttgaat	gtgtttgtct	ttgtctctct	attcttttct	attgtgagtg	83640
tagggtgtcca	gttttagatc	tttctcgtct	tctcatggcg	cgatttagtg	cttcaatttt	83700
ctctctacat	attgtcttga	atagtcccca	gagattctcg	tatgttgtgt	gtttgtcttc	83760
atttgatttca	aaagatatct	tgttttctgc	cttcaattca	tatgtaccac	agtagtcaat	83820
caggagcagg	ttgttcaagt	tccatgtagt	tgaagtgttt	tgaagtgaat	tcttagtctt	83880
gagttctagt	tgtattgcac	tgtgtgtctg	gagatagttt	gttcaatttt	ctgttctctt	83940
acatttctgt	agggagagct	tacttccaac	tatgtgttca	tttgttgaa	aggtgtgggt	84000
tggtgtctaaa	aaaaatgtat	attctgttga	tgtgggtgtg	agagttctgt	agatgtctat	84060
taggtccgct	tgtgtcagat	ctgagttcaa	ttctcgggtg	ttctgttaa	cttctgtctt	84120
cgttgatctg	tctaatgttg	acagtggggt	gtttaaagct	ccattattta	ttgtgtgggt	84180

10071411.020702

gtctaattct cttttagat ctctaaggac ttgttttat aatctgggt cccctgtact 84240  
 ggggtcatgt atgttttagt tagttagctc ttctgttga attgatccct tatcaattgt 84300  
 tttttagctc ttctttgtct ttgtgatctt ttgtgggtta aagtctgttt ttacagagac 84360  
 taggattgca acccctgcct ttgttttcca ttgtgttggt agatcttctc ccaccccttt 84420  
 attttgaacc tatgtgtgtc ttctgcatgt agatgggttt cctgaataca gcacactgat 84480  
 ggggtcttcac tctttatcca gttttccagt ctgtgtcttt taactggaaac atttagccca 84540  
 ttacttttta aggttaatat ttgtatgtgt gaatttgatc ttgtcaattat gatgtttagt 84600  
 ggtttatttt ctagttagtt gatgcagttt ctctcagtag tctgatgtct ttcaaatgtg 84660  
 gcatgttttt tgggtggctg gtaggggttg cccctttcca ttgttagtct gttttcagg 84720  
 agctctttta gggcagcctg ggtggtgaca aaatctctca gcatttgtct gtctgttaaag 84780  
 gattttatgt tctcttcaat tatgaagctt agtttgggtg ttatgaaat ttgttagagt 84840  
 aaattctttt ctttaagaat gttgaatat ggccctcact ctctctggc ttgttagagt 84900  
 tctgcacaag catgagctgt tagtctgatg ggtctccctt tgtgggtaac ctgaccttcc 84960  
 tctctggctg ctctcaacat tttttccttg atttcaact ttgtgaaatc gacaattatg 85020  
 tgtctggag ttgtctctct cgaggagtat ctttgtggca ttctctgtag ttctgaatt 85080  
 tgaattgttg gctgccttgc tagattgggg aagtctcctt ggataaatc ctgcagagt 85140  
 ttttccaact tggttccatt ctcccctct ctctcagga caccaaattg atgtagattt 85200  
 ggtcttttca agttaccoca ttgtttcttg aggtttgtt catgtttttt ttcttttttc 85260  
 cttaaacctt tcttcatgt tcaattcatt gatttgatt ttccatccca ataccctttc 85320  
 ttccagttga ttgaatcagc tactgagct ttgtcattca tctgtatgt ttactgccat 85380  
 ggttttctgc tccatcaggt catttaagga ctctctgca ttggttatc tagttagcca 85440  
 tccatctaat tttttttcaa ggtttttaac ttgtttgcca tgggttcgga ctctctcctt 85500  
 tagctcagag tagtttgatc atctgaagcc ttctctctc atctcgtcaa agtcatctc 85560  
 catcocaagt ttgtctgtct ctggtgagga gccgtgttcc tttagggagag gagaggcact 85620  
 ctgattttta ctgtcttcag tttttctgt ctgtttgttc ctcatcttg ttgttttttc 85680  
 tactctttgt ctctgatgat ggtgacgtac agatgggttt ttggtgtgga ttgtctttc 85740  
 gtttttagat ctttctcta gaattcagga cctctcagct aggtctgttt ggtctttact 85800  
 ggaggtccac tccagaccct gtttgctgt gtatcagcag cagaggtctg agaacagtgg 85860  
 ataattgtga agcacaagt ttgtgctgt atattctct ttgaagtgtt ttctgagagg 85920  
 agtaccagca ctgtgtgaggt gtcagtctgc cctactagg attgtccctc cagttaggct 85980  
 attcgggggt caggagacca cttgaggagg cagtctgcc atctcagct ttcaagtct 86040  
 gtgctgggag aaaccaattt ttcttcaaag ctgtcagaca gggacattta agtctcagt 86100  
 ggttattgtg tctttttgt ttctgtgccc ctgccctgg aggtggagt ttcatagcca 86160  
 tgcaggctc ttgtagctgt ggtgggtccc agccagtcca agcttcccag ctgctttgtt 86220  
 tactactcca agctgggcca atggcggcca cccctccccc agctctgctg ccgctttaca 86280  
 gtttggcttc agactctgt gtagcacaag agtgaggctc ttgtgggtga gaccttcca 86340  
 agctatgtgt gggataatat ctctggtgt gctgtttatt aagccattgt gaanaagaca 86400  
 atattagggc aggagtgacc caattttcca ggtgccatct gtgaatgct ttcttgacta 86460  
 gaaagggaa tctctgact tcttgccct cccaggtgag gtgactcct accctctgtt 86520  
 gggtcacgca ttgtgtgcca caccactgt cctgcacca ctgtctggca ctcccagtt 86580  
 agatgaaccc ggtacctcag ttggaaatgt ggaatacacc ttgtcttttg atctcctag 86640  
 ctgggagctc tagactggaa ctgttctat tcagccatct ggtcttccag tatatccact 86700  
 gccacacttc tttagtcta aagtgaagtc ctgtgtcaga ctgtgtgct ggcaatgctg ttgtggaatc 86760  
 catgagtggt gaaaagcgt tctgtgagtc catgaatgt agtcttgct gactattgtg 86820  
 tttagtttag gcaaacccat atccagagta agtgtctgt ttactgagga caaacctctg 86880  
 cccctttcag gatggagag gtccagtata accaaccttc caccaggtaa cacagtatc 86940  
 acccgaggga atgtgtccat attgagggt cagtgttag ttctgctgt gctcaaatgg 87000  
 gcaactcagt gtgcccagat ccaggccagt ttgtgttagt ggaagtccat gttgtgagc 87060  
 ccatgtataa ctgactctcc tgcacacat gccactttgt ttatgggctat attgggtgat 87120  
 aacagggggt ctgtggggaa gaggctgagt gatgtccaca gaacaggtca tcttatccac 87180  
 ttgattatta aaatcctct ctgctgagat caccacttgg tgagcactca catgggatcc 87240  
 aaatatcttc acaggttttg gccactcaga gaggtccalc cacatacctc tcccocaaat 87300  
 ttctttgtca ccaattttcc aatcatgctt ctccaaagtc ctgcaccact cagccaaaac 87360  
 atttgctaca gcccatgaat caatatataa tgcgcacatc ggccatttat ccttccatga 87420  
 aaagtgcaca accagggtct ctgcttgaag ttctgccac ttgtggaagt tcccttacc 87480  
 actgcccctc agtcatgtcc tagaaaaggg ctgtagtgt gaacctgct ctctctctg 87540  
 ggtgctgctc tatcgtgaac aacctctgt gaaccaggcc ctagtctctt ctctctctg 87600  
 caactgatca tagagaact ccatgtagg ccatgtagg ttgtggggaa gagaaggtgg 87660  
 ggtggcagtt gttggagacca tgggcattg agtacttcc ttgtgttaac tactgtgccc 87720  
 tttaggacct gctcagacca aatcacatat atactcactc atcttgatga tggaattgct 87780  
 ctgtgcata gctcatttat ggctacatgt gtcagaaagc acccagttca tgatagacag 87840

10071411.020702



ttcagttcac	atgggtgact	gatgaccat	aatcaaatgt	tacgtttcca	ccaaagctca	87900
gtacacggcc	aagagctgtc	tttcaaaagc	acagttagtta	tatgcagaaa	atggcagggc	87960
ctgtttttcaa	aaatttttag	gcactctgctg	gtatccacct	gtgggggccc	gccaaagcgt	88020
ccaaacacga	tcctctatctg	ccactgatgc	ctcaagcacc	attggatctg	ctgagtcata	88080
tgggccaaac	agcagagcag	gttggacagc	agcctggacc	tgaggcagag	ccttatccctg	88140
ttctgtgccc	cactcaaaac	tggcagcctt	ttgagtcact	cgataaatgg	gcctgagtaa	88200
cacacccaaa	tgaggaaagt	gttacctcca	aaatccaagt	agggccacta	catattgtgc	88260
cttttttctta	gttgtgacag	gggccaagt	cagcaactta	tccttcatct	tacaaggagt	88320
atcttgacag	ggcccccacc	agtggaccoc	tagaaatggt	actgaggtag	taagtcctctg	88380
aaattttagtc	aaattttagtt	ctcatcctct	ggocacacaaa	catctccaaa	ataagtcacg	88440
tgtgtttgtc	actctttgct	cactggatcc	gatcagcata	atgtcatcaa	tgtatggac	88500
cagtgtgata	ctttgcgaaa	gcaaaaagtg	gtccaagatct	ctccaaaata	gattatgatg	88560
caaaagccaga	gtttctatac	tcttgaggta	ggagagtaaa	gatataattgc	tagtcttgcc	88620
agctgaaggc	aaattgtctc	tagtgggccc	tatgaatagg	aatggagaaa	aaggcatttg	88680
ccaagtcaat	ggctgcatac	caggtaccag	gaatgtgtgt	aatttgctca	agcaatgaaa	88740
ccgtatcttg	tacacgacct	gcaattggag	tcaccactta	gttaagctta	tgatgatcca	88800
ctgtcattct	ccaagatcca	tctgtcttat	gcacatgcca	aattgggagag	ttgaatgggg	88860
gtgtgagtga	aatcacccac	cttgcgcctt	ccaagtctct	gatcatggca	catactctctg	88920
caaatccctcc	agggatgtga	tattgttttt	gatttaccat	ttttctaggt	agaggcagct	88980
ctaattgcctt	ccatttggct	tttccaccca	taataggccc	acccttaccg	ctcagggagc	89040
caatgtgggt	gttcttccag	ctgctaagta	tgtctatgcc	aattatgcat	tctggcactg	89100
gggaaatgaa	cacagatga	gcttggggac	ccattggacc	cactgtaagt	ggacccctgag	89160
ctaaaaccctc	attaattacc	tcacctccat	aagctcctgc	tttaactgga	cagacataat	89220
gacgttttga	gtccctctaga	attaacgtca	gctcagagct	agtgctctgt	taatcccccaa	89280
atgactgaagc	atttcccttt	ccccaatgca	cagttacctt	gtataaaggc	tgaggagctc	89340
cttgggaaaa	aatgggagaa	agattaacag	cataaattgt	tgttagtgta	gtgggctcct	89400
tccttattctg	gaccaccact	cccttttatt	caaggggctc	gtgtgtctga	tgactgctca	89460
agtcacaaat	tgatttgagg	gccatgattc	tctattttta	taattcaaat	tagtgttttg	89520
tcctattgac	ctggaagtgt	tctgtttata	taaatgaagt	aggaatccct	tgagcatcct	89580
acaaatttca	cttctgggaa	cactgtgatt	aattagcgaa	tgccagaact	ctacatgagt	89640
cagactatttc	tgttgtctgc	tttgccacta	ctgtctgtta	tgttagttat	gccocacttg	89700
cccttgatgg	ttgagtgcca	ccacttggcc	cttgcacact	tgggatccaa	ttattcccat	89760
tgtattttacc	tttattagtt	gagtgactgt	gggttctacc	attggatctg	atatgcagag	89820
aattacgggg	ctcttcaaa	atgcaggtgc	taccctcaca	gatctatttt	taagcgtatt	89880
ggctcaagggt	atatcttctg	ggcccttcca	cttgggatga	gtaggctcaa	atgactaat	89940
ccactccacc	atctcaatct	ctctaagcct	ttggatccct	tcctctcaat	taaatgcaga	90000
gtgatcagac	atttccagct	ccctccaggt	ggccatcttt	caatccaat	ttcagctaac	90060
taagcaaaata	aattattaga	accttttttt	aactccctga	gctgcaatat	taaatgcaga	90120
gtctctactct	agtgggccca	aatcaacaaa	ttcagcctga	tcacaactca	tgttctctoc	90180
accattatcc	cacaccctta	atatccattc	tcactgctgt	tcactgagat	tctgtttata	90240
taaattagaaa	aacctcaagta	gttcttttca	agtatatgta	acctctcatc	gggtttcact	90300
ctcaaccctca	ctcttggggg	ccataagga	ctttagtctg	gttataggct	tgaagcagca	90360
caaggggtgtt	gggggtgagc	cctgaggaga	atcaacatta	ttttgctcgg	caactgctca	90420
gggggggcca	tcactgttgc	cttaggcagc	acagtgttta	cttccccaga	caaatatgga	90480
aaggctgatg	gcagcatggg	tcaggggagag	gatgtcacca	ctaactggga	tggggaagct	90540
gttttttttct	tgccaaaaaa	ggttttccctga	gactttacaa	acctcagttc	ccagactcca	90600
tcagggtctct	cccttcccaa	gttgcagggt	cccatctctt	cccatctctt	tcacaaagct	90660
ggccctcactt	taattagtaca	tacctgtgtga	ggctgtgcat	gcacccctca	ttgggaagtca	90720
ggccacttgca	caataagagc	tcatatccat	tttccacaaa	cttctctgca	ttctctgcag	90780
gagataatac	tttcaactgc	ggcaatctta	cgagatttga	ggctcagtat	ctgctctctga	90840
agccagagagt	tagaattccct	aagtttcat	cttttcaatca	ctttgtccat	tgaactagg	90900
agaaaaccac	caacttccat	atgtttccac	atatggtcaa	aggtattatt	tatagagctca	90960
ctaaactcct	tgtctctcat	gagcgtgaa	tcaggaaagt	caaatgcatt	tattttgctt	91020
aaactctctaa	acagttccata	gaaaggaa	ctgaatcagt	gttctccata	ctatcagaag	91080
tagagtctct	agcatttttg	agtctaatca	tattaaacag	ccaactccga	aaacctaaaa	91140
ccaatgaaag	aactgcatac	ttaatgtct	gttctctcag	aaccactcct	ggctacaaaaa	91200
ctctgttgta	ggttctctga	aggggcagaa	ctaataaggt	agagatatac	aggaagggaaa	91260
gtttatttaag	ttttaactca	catgatcaca	aggtcccaca	ataggatact	tgcagactga	91320
ggaaacagga	gagccagctg	aagtctctaaa	ctgaagaact	tcagagtctga	tgttcaaggg	91380
caggggagcat	caggtaccag	agaaagatgc	agggctggga	gctcaggagc	tttagctctt	91440
tcagtgtttt	ctgccaactt	ttcatattct	agctgcactg	gcagctgatt	agatggtgcc	91500

1007441.020702

caccocagggt aagcgtgggt ctgcctttcc cagocccactg actccaaatgt taatctcctt 91560  
 tggcaacacc ttccaacacca caacctaggat caatactttg catccttcaa tccaatcaag 91620  
 ttgacaccca attacaccca taacagaagc aatactact aataccacca tataaagaat 91680  
 gcggatgtta cgcattgtat cacactgttt cctcacacaa tccactacc atggcttgg 91740  
 ttctatggac atatttttg atctgagcca gcttattata atgtttttaa taatatccaa 91800  
 gaattgttac aattgcattt tgaattgtta ttattttaa ataggccaat ttctaaatag 91860  
 attcttgtcc atagtccagt ttacatcat gatttccoca ctcatgacat ttaaaagttt 91920  
 attttgttaa tttagccaat atatacaagt ctgcatttgg ggtatgggtaa ttgaaatgcca 91980  
 ttttttaatt ttgggttaag gagaactttt ttattgttgc ttatatattt atccataact 92040  
 aggcattgta gtacatttct ggggtcaaat tctattgtct taaaactttg tggttttgct 92100  
 tcaattcttc cagctatctca cagttactga agtgatacgt acaaccagct ttggacatga 92160  
 tgaattgttt aggtcaaaa ctggggtgtt ctttgggtct ttggaagttt ctttaactact 92220  
 ctcttttaaa ttgtctgatt ccacttcttg gtctcccttt caggaaaccc aagtatccac 92280  
 acagtgagata ctcatctgtc ctctacttct aaaaatttgg tatttaacaa aatgtataaa 92340  
 aagtagaata acattttatg aaccttttgg gatgatgtt ttttgcacag cataatttcc 92400  
 tggcaatcca tccaagtgtg tgcattgcac aatcatccat tctttacat tgctaagtag 92460  
 tattccatgc tttgtattta caacagtttg tttaacctatt acctgtgtga aaaaactctt 92520  
 ggctgaatct agttcttgcg tatataatt ataaacaaag atgtgtataa cattgttgtt 92580  
 acagtttttt gtgtgaagtt ttatttttct tgggataaat gcoctggaggt gcaattgtctg 92640  
 ggtcatatga tagttgtgtg ttitttttgg agaaactccc agagtgagag agagtgagag 92700  
 aagatttttt tgtttctatc agtaaatgtat cagtgatccg gtttctacac atccttacca 92760  
 gcaatttggg tgttcattgat tttaattttt agccattctg atagatgagt agtgatagct 92820  
 tattttgttt tcaatttgca ttccctaaaa accataaagt ttggaacctt ttctcatgtg 92880  
 attattttgt cagctgaaa tatctgtgga aacagtgaat agaagtagtc ttccacagat 92940  
 ctgagaagga cagctgggag aggtggatga agagaggttg gtatatgggt atcaaaatcc 93000  
 aataaagacc ttctgtccat gctggggcaca gtggctcatg cctgcaatcc cagcactttg 93060  
 ggagggccaa cgggggtgat cactcagagt caggagctta agaccagctt ggccaactag 93120  
 gtgaaacccc gtctctact aacatacaaa aattagccgg ccatgtgttg gctgtcctg 93180  
 aatccagact actcaggagg ctgaggtggg agaatacact aaagcccggt ggccaagttt 93240  
 gcagtaagcc gtgactcacac cactgcactc cagcctggggc aacagagcac tccagccggg 93300  
 gcaacagacc gaagctctgt ctcaaaaaaa taaaataaaa aaagtataaa caaaataaag 93360  
 agttccaatc cagcagagag tgtgtgtgaga tgggtcggga ccagctccct gggactctg 93420  
 agcctttggc ctggccagtg gggggagctga gccagagtag gctgtagct ctgcccctg 93480  
 acacacaggc ctgtgtgttg gctgccacca ggaccttgg ggcctgtgct cgtgcccctga 93540  
 agatgcagca agcctccctt cccctcacac ctcaagtact gagggttgtg gtggccttc 93600  
 ccaggccgca cctgcccgtg tatagacgaa gtccccaact ggcctggat cagtgcctt 93660  
 ggggtgttgt gggagtgcca ggggagcatt ggtgactatc cgggtgtgag gattgggag 93720  
 gtgctcttgg gtgacagacc acgggctcag ccaactcttt agggcattgg gctgcagat 93780  
 ccgggtctgt gtgaccactc tgtcccagct ggggtgagact taacctagtc tgaggacaac 93840  
 agacaattgc ctttaatagg ctggaaggtg agtgaggga cagaggagga cagtgtgaa 93900  
 cagtttagcc cgaattgggt gttgtctctc cttctacagg acctggaagg acctcacat 93960  
 tggccttagg gaattccccc ccacacttgg ggaagattta ctatctgtg ctagaaggct 94020  
 gtgtgtatat tatgaaaaa ctattctcaa ctacccccca accttttaat agataacatc 94080  
 tgtgtgggag ctgacaagat ggcgtgaatg aaacagctca ggtgtgcagc tccagctgag 94140  
 atcaatgcag aaggtgggtg atttctgcat ttccaaactg ggtaccggcg tcatctcatt 94200  
 tggactggtt agacagtgtaa tgcagcccat ggaaggtgaa ctgagccagg gtggggtgt 94260  
 gctcacactg ggaagtgcga ggggtcagaa aactccctg cttagccaagg gaagctgtaa 94320  
 ggaactgtgc catgaggagt ggtgcattcc agccagata ctatgcttt ccatgtgtc 94380  
 ttgcaaccca cagacaagga gattccctcc agtgcttatg agtccacagg ctggggttcc 94440  
 aagcacaata ctgggtggcc atttgggtat acaccaaggt agctgcagga gtctttttc 94500  
 ataccccagg gatgcctgga atgtcagcga gacagaaacca tctactcccc tggaaagggg 94560  
 gcgcaagcca ggggaacagg ttgtctagct cagtgatcc caccoccatc gaggccagca 94620  
 agctaagata cactgtcctg aaattcttgc tgccagacaa ttagtctgaa gttgactgg 94680  
 gatgctggag ctgtgtatgg ggaagggcgt ctgccattac tgaggcttga gtaggcagtg 94740  
 ttctctcac agtgttaaaa aaactgcaag gaagtccaa ctgggtggaa cacaccag 94800  
 cgtgcccagg ctgctgtagc aagaactgct ctctagatc cctctgtctg ccaggggcat 94860  
 cctgtaaaaa aaggcagaag ccccgtagc gaacttatg ataaaaactc catctctctg 94920  
 gaacagagca cctggggaaa ggggcagctg ttggtgcagc tccagcaatg tttaaaactc 94980  
 ctgctgtcca gctctgaaga gagcagtgga tctccagca cagtggttga gcagactgcc 95040  
 acctcaagtg ggtccctgac cccctggcct cctgacggg agatacctc cagaagaagc 95100  
 caacagacac ctccacaaag agagctccag ctggcatctg cagagtgccc ctctgggaca 95160

10071411.020702

aagcttttcag	aggaaggaac	aggcagcaat	ctttgctggt	ctgcagcctc	cactggtgat	95220
acccaggccaa	acaaggtctcg	aagtagatgt	ccagcacact	ccagcagacc	tgacagcagag	95280
aggcctgact	gttagaagaa	aaactaacaa	acagaagaag	atagcatcct	catcaacaaa	95340
aaggacatcc	actcagaaac	cccatccaaa	ggtcaccaac	atcaaacaca	aaaggtatgt	95400
aaatccatga	agatggggag	aaaccagcac	aaaaaggctg	aaaattccaa	aaaccagaat	95460
gcctctctct	ctccaaaaaa	tcacaaatct	tcaccatcaa	gggaacaaaa	ctggatggag	95520
aatgaatttg	atgaattggc	agaagttagc	ttcaaaagggt	gataaataca	aactcctctg	95580
agctaaagga	gaatgtttcta	acccaacgca	aggaagcaaa	gaaacttgaa	aaagatattag	95640
atgaattgtct	acttagaata	acgagtttag	agaagaacat	aaatgacctg	atggagctga	95700
aaaaacacagc	acaagaactt	agtgaagcat	acacacatat	caatagctga	atcgatacag	95760
tggagaagaa	gatatcagag	attgaagatc	aacttgcaga	aacctataaa	gccagagaag	95820
actagagggcc	ataattcaac	attcttaaa	aaagaatttt	taaatgtcta	atttcatatc	95880
cagccaaact	aagcttcata	agtgaaggag	aaataaaatt	cttttacagac	aagcgaattg	95940
gagacatttt	gtcgtcacca	cgctgcatt	acaagagctc	ctgaaggagg	caataagcat	96000
ggaaaggaaa	aaatggtgcc	agccactgca	aaaaatgcc	aaatggttaa	gaccatcaac	96060
gctatgaaga	aactgcatac	agtaattggc	aaaaataacca	gctagcatca	taattgatgg	96120
atcacaattta	cacataacat	attaacctta	aatgtaaatg	cgctaaatgc	cccaatttaa	96180
agacacagag	tggcaactag	gataaagagt	caagaccat	gagttgcgag	tattcaggag	96240
acccattctca	ctgcacaaaa	cacacatagg	cccaaatata	agggatggag	gaatatttac	96300
caagcaaatg	gaagacaaaa	acacaaacaa	caacacacaa	acacacacaa	cagggggtgc	96360
aatcatagtc	tctgataaaa	cagactttaa	accaacaaag	atcaaaagag	aaaaagaaa	96420
gccattacata	gtggctaaga	agagcttaact	attcctaata	tacatgcacc	caatacagga	96480
gcaccagat	tctaagaaga	agttcttaaa	cacctacaag	gagactatga	ctcccacaca	96540
ataatagtgt	gagattttaa	tacccactg	tcaattacag	acaggccaat	gagacagaaa	96600
atlaacaagg	atatctttaga	attgaactca	gtctcagact	acagacacct	caatagacatc	96660
tatagaaact	tccaccctca	atcaacagaa	tatacatct	tctcagaccc	acatcgcatc	96720
tatttcaaaa	ttgaccacat	aatttggaat	aaaaacacttc	ctcagcaaatg	cagaagaatg	96780
gaaatcataa	caaacagctc	ctcacaccac	agcgcaatta	aattagaattg	cagaattaa	96840
aaactcactc	aaaactctac	acttactatg	aaactgaaca	ccctgtcctc	gagtgaactg	96900
tggtataaata	atgaatgata	gaaggataaa	gatgttgttt	aaaaacaata	agaataatgt	96960
accagaaact	ctggagacaa	ttlaaagcag	tggttagagg	aaaaatttat	cgagttaattg	97020
octacaaaag	aacacaggaa	agatctaaaa	tcgcacacct	aacatcacaa	ttaaaagaac	97080
tagagaagga	agagcaaaac	aattcaaaa	ctagacagaa	acaagagata	actaagatca	97140
gggcagaact	gaagagagata	gagacatgaa	aaacccctaa	aactcaatta	atcgctctcc	97200
ctctccctct	ccctctccct	ctcgtctcc	ctctccgtct	ccctctcccc	acggctctccc	97260
tctccctctc	tttccacggt	ctccctctga	tgccgagccg	aagctggact	cgctgctgc	97320
catctcggtg	cactgcaccc	tcctgcctg	attctcctgc	ctcagctctg	cgagtgcctg	97380
cgattgcag	tgccgcgcgc	cacgcctgac	tggttttctc	tgcccggcca	cgagcccccgt	97440
ccggggaggga	ggtaggaggt	cagcccccgc	ccgggccagc	cgcccacatc	gggaggtgag	97500
gggtgcctct	gcgccgcgcg	cctactggg	aagtgaagg	ccctctgccc	cagccaccac	97560
cccgctctgg	aggtgtacc	aacagctcat	tgagaagggg	ccatgatgat	aattggcggtt	97620
ttgtggaata	gaagggtggg	aaaggtgggg	aaaagattga	gaaatcgagat	ggttgcgctg	97680
tctgtgtaga	aagaagttaga	catggggagac	ttttcatttt	gttctgtact	aagaaaaatt	97740
cttctgcgct	gggatcctgt	ggatctgtga	cttaaccccc	aacctgtgtg	tctctgaaac	97800
atgtgctgtg	tccactcatg	gttaaatgga	ttaagggtgg	tcaagatgyl	gctttgttaa	97860
acagatgctt	gaaggcagca	tgctccttaa	gagtcacac	cactccctaa	tctcaagtat	97920
ccaggagcac	aaacactgca	gaaggcagca	gggtcctctg	cttgggaaaa	ccagagacct	97980
ttgttcaatt	gtttatctgc	tgacctcccc	tcctattatg	tcctatgacc	ctgcacaaatc	98040
ccctctctgg	gttaaacacc	agaatgatc	aataaaaaaa	taaaataata	aaaataaaaa	98100
taaaataaaa	taaaataaaa	aaagaataaa	acacaaataa	aattgttaaaa	ttcccatctc	98160
acataaaact	cttatatgat	gtttttaaat	atacaacatg	attatcaagg	acttaactctg	98220
taccacattc	tgtatagatg	aaagttaaaa	ttcttgtaac	catcactctc	aacctcacc	98280
tatcttccag	cataaattgag	actttcacat	gttttctctt	cgccagatgg	agacactaac	98340
tgtaggcttt	ggaaatgtct	taaaaaaaaa	aaaaaaaaaa	agagagccag	gcattctcaa	98400
acagagaaaa	gctgtttgaa	cacatttatc	taagtcctga	aaaagctatg	attgttagca	98460
agaggttaac	tgtcaatggc	agggcagaaa	actgccacca	tgctcaatgaa	agcttgttca	98520
actgtctgac	ctaaaatttaa	acaatttatc	tctcatataa	aaaaaaaaat	caaatatctc	98580
agggatgctg	tttttttttaa	agatcaacaa	aaatagataga	ccactagcca	gactaataaa	98640
gaggaagaaa	gagaagagtc	aaatagacat	aataaaaaat	gataaaagag	atatcaccac	98700
tgatcccaca	gaatacacac	ctaccatcag	agaattattat	aaacacctct	atgcacataa	98760
accagaaaaat	ctagaagaaa	tgataaaatt	ctcgacacaa	tacacctctc	caagactaaa	98820

ccaggaaagaa gtcaaatccc tgaataagcc aataacaaac tctgaaattg aggtggtaat 98880  
 taatagccta ccaacccaaa aaagtccagc accagacgga ttcacagctg aattctacca 98940  
 gaggtacaaa agggagctgg accattccct ctgaaactat tccaaaacat agaaaaaag 99000  
 agaattctccc taactcattt tacgaggcca gcacatccct gataccaaa gctggcagag 99060  
 acacaacaaa aaaaagaaat ttcaggccga aatcccta atgcataat ccaaaaattcc 99120  
 tcagtataat tctggcgaac cgaatccagc agcacatcaa aaagctttat caccatgatc 99180  
 aagttggctt catctcctgg atgcaaggct gggtcaacat atgcaaatat atgaaagctaa 99240  
 tgcataccat aaacagaacc aatgacaaaa accatgtgat tatctcaata gatcagaaaa 99300  
 agaccttcga caaaattcaa cagcccttca cgctaaaaac tctcaataaa ctgatatctc 99360  
 atgggaacatg tctcaaaaaa atcagagatc tttatgaaag accccacaga cccaatatac 99420  
 tactgaatgg gcaaaaactg gaagcatttc ctttgaaaac tggcataaga gaagatggcc 99480  
 ctctctcacc accctctatt aacalagtat tggggagtct gggccaggcca atcagggaac 99540  
 agaagaatag gaaggtatct caattaggaa aagaggaaat caaatgtctc ctgtttgacg 99600  
 atgacatgac tgtatattta gaaaacccca tcatctcagc ccaaaaattc ctaagctgta 99660  
 taagcaactt cagcaaaagt tggggatata aaatcaatgt gcaaaaaatc caagcattcc 99720  
 tatcacccaa taacagacaa accgagagcc aaatccacga tgaactccca ttacagttg 99780  
 ctgcaaaagt aataaaaatc tttagaatcc aacttacaag ggaatgtgaag gacctcttca 99840  
 agagagaacta caaatcactg ctcaatgaca tcagagagga cacaaaacaa tgcataaata 99900  
 ttccatgctc atggatagga agaatacaata tctgtaaaaa ggccataata tccaaaagtaa 99960  
 tttatagatt gaattctatc cccatcaagc taacctgac gaattggaaa caattgttaa 100020  
 aaactacttt aaatttcata tagaaccaaa aaagagcctg catagccaa ccaattgtct 100080  
 gcaaaaaata caaagcttga ggcatcacac tacctgactt taaactatc taactgtctg 100140  
 cagtaaccaa aacagcattg tactagtaca aaacagata tatagacca tggaaacaga 100200  
 cagaggcctc agaataaaca ccacacatct caactatct gatctttgac aaacctgaca 100260  
 aaaaacaga atggggagga gattctctat ttaataatg aactgtgtag aactgtgtag 100320  
 ccatatgcag aaagctgaaa ctgatccct tcttccact gtatacaaaa attaactcaa 100380  
 gtgggctat agacttaaat gtaagacctc aaacccataa accccaatga gaaaacatg 100440  
 gtaataccat tcaggacata ggcatgggca aagacttcat gactaaaaac caaaaagcaa 100500  
 tggcaacaaa agccaaaatt gcaaaaatgg acttaattaa taactggagc tctctgacag 100560  
 cggaaagtaac taccatcaga gaattccaaa aacctataa atgtggagac atttttgcaa 100620  
 tctatccatc taacaaaagg claatatcca gaattccaaa agaacttaa attttttaca 100680  
 agaaaaacaa acaacttcca tcaaaaagtg ggtgaaggat aagaagagac tcttctcaa 100740  
 agaagacatt tatcgagtc acaagcatag gaaaaaaagc tcatcatcac tgggtcttag 100800  
 agaagtgcga atcaaaaaca caatgagata coagtttaga coagtttaga tggccattag 100860  
 taataagta aaaaacaa ca gatactagag agcatgtgga gaaataggac cacttttaca 100920  
 ctgttgggtg gcttggaatc tagttcaacc atttgtgga atttgtgga atctctcatc 100980  
 ttcaccacgg ggtggaggta cgnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 101040  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 101100  
 nnagaaacat agaccctgcc caacgcatac tctgaaaagg gatggcaagg tttttttaaa 101160  
 ggttttatgg gtttaggtgt actctaaaag atttttaacc ttctaaaaat tttttttgat 101220  
 aaaggtgtaa gaaagggata caacttcaact ctttttcaaaa tggggaagcca gtttttcccg 101280  
 gccctttttt ttaaaaaagg ttccctttcc catttggtgt ttttttcaag gttgtcaagg 101340  
 atcagaaggt tgtagatagg ggttggttaa tttttgggt ttgttttggg tttgttttgg 101400  
 cataggtcgg ttgtgtgacc agggccatgt ttgttttggg actgtaagcc tctgtatagg 101460  
 ttgtgaagtc aggtagatcat atgcctccag tttgttttgg ttgtgtttgg tctgtatagg 101520  
 caatgcgggc tcttttttgg gttccatatg aacttttaag tagtttttcc caatctctgt 101580  
 cagaagaatc ttgtgtattg gatggggat gcaattgac taataattac ttgggagatt 101640  
 ggccattttc atgatattga ttcttccatc ccatgagcat ggaatgttct tccatttgtt 101700  
 tgtgtctctc ttlatatttg tagcagtggt ttgttagtct tcttgaaga ggcctctcac 101760  
 atcccttgta agttggattc ctgtctgtta ttgttatata gaagcaattg tgaatgggag 101820  
 tctactcatg atttggctgt ctgtctgtta ttgttatata gaagcaattg tgaatgggag 101880  
 acattgattt tgtatctcga gaatttgcgt aagttcccta tcaagcttaag gagattttg 101940  
 gctgagacga tggggttttc tagatataaa atcatgtcat ctacaaaacag ggacaaattg 102000  
 acttccctct tctcatttgc aatcaccttt atttccctt cctgcctagg cctccgtggc 102060  
 agaacttcca acactatgtt gaataggagt ggtgagagag ggcataccct tctgtgcca 102120  
 gttttcaagg ggaatgcttc cagttttttg tccctcaagta tctctcaagta tgtgggtctg 102180  
 tcatataatg ctctcttatt tttagatata atcccatcaa taacttaatt attagagatt 102240  
 ttcagatgaa atggtgtgtg aattttgtca aagccctttt ctgcactat tgagataatc 102300  
 atgtgttttt ttgtcattgt tctgtttata tcttagatta cattttatga tttgcgtatg 102360  
 ttgaaccagg cttccatccc agggatgaag cccacttgat catggtggat aagctttctg 102420  
 atgtactgct ggattoggtt tgcagattt ttattgagga ttttcgcat gatgttcatc 102480

20071114.1.020702

agggatattgt gtcctaaaatt ctctttgtgtt gttgtgtgttc tgcaggcgtt tggatcctgg 102540  
 atgatgtctgt cctcatataa ttgagtttagg aggtatccct ctctttctat tgatttgaat 102600  
 agtttccgcca aactgacatg atttttataa ttccctatag gtccaatgtg cagattttaa 102660  
 gatccctaca cctcagatgc cgtggatagtg gtcgggggag taaaagccgc ccatatgttt 102720  
 ctgagatctc ccgatagcct gggcaagcct ttattagctg tgcggacatt cggatgaac 102780  
 aaaggtgcac agaaccctata cgttctccat actgtaaaat ggggcttag cgaagggaag 102840  
 tagtcaacct ccgtattcct cagttctctca acgtgaaac ggggatgcat actgtggctg 102900  
 cctcgtgggg ttgtgacgga ggaacagggg acatattgtcc tgggatcagc actggccaatt 102960  
 tggccattct taccatagca cctgccatct tggtagacag ctggacacaa agccttcaca 103020  
 cctttgaagt ggccatagag agcatgagat atggatgggg agggagcatt ccaactaaag 103080  
 acccctgtgt tgggccaaga acacatgtat gtctgtgttc tggagtcttc tgggtatgct 103140  
 ttttttaaga taccgggtgt cctgcaattg tgcgttgaga atccactcta tggccaacat 103200  
 atcatcaaa gctttggctc agctaggctg ttcccccaac ccaaggaccc ctgaggaaa 103260  
 ggagtgaggg ttccaccgcc agcaccagcc actggagggg ctgccagag tccctcagtt 103320  
 ctgtaaaact tacgctttgg agtaattcag aacaaagccc actcctttt ccatatcaa 103380  
 ctgcatatca cgggtgtaaa cctgtggcca ttgtgcatcg atgtccaagg ggaagccagg 103440  
 gttccactcc atccactga gcatgagaaa ggagaagaaa ttgagttaaa tgcaccctt 103500  
 tgggtctgcc cctcagctga gggccgccca cactgtcaga cgtatttaca cagggaagatt 103560  
 gatgtactca aataaagctg aacacatcat agggctgacc tgtgtccagt aaggttctgg 103620  
 gacctctcc aaagtccagt gcaccaaact ttgctgtgcc tgcaccactg tagaggcctg tcttgcaat 103680  
 cctgagactg accctcaacta cttagagtgga cttggaacag caactggaca tccaccattc 103740  
 gtctagggag acctcactta agggctgccc gccctggact cgtgtcagtg cactgtgggg 103800  
 cactggaggt agaaggtatt ttccactccc ttccacaact ggcagcacgc cgtgggaga 103860  
 tgccaacttg atcgttgtgt cctctgtgac ttcaaaagct cctctctca ccaatgcagt 103920  
 aaatggggga cagagatggc tttcattctc taaaagcttc ccaagacaaa gccacggact 103980  
 gggaccaggg cttagagtag ttacaactaa aacagcttcc gtaactccgt gcatccagct 104040  
 ttagagtagg ttacaactaa aacagcttcc gtaactccgt gcatccagct 104100  
 aacatgtgca gatctctgca tccctgaaac gtatccctgt caactgggca tttgtgttt 104160  
 tcgaaaatgt ttattttgtt tttttgttta ctattagat cttattagat ttgtgaaagt 104220  
 tgcagaggtg ttgaaccaca gcaactccat cttgaatagg ggtcgggtaa aataagggct 104280  
 agaccctact ggcagcattc caaggagctc aggcactcta atgggttgtt acctctgtc 104340  
 cattgatgca agatacaggg cagaaagacc ttgctgataa aatgggttgt acctctgtc 104400  
 ccggccaaaaa cccaacaaa atgcattagc aatgtacccct atattgtct 104460  
 ctcaattata gtaactata taatgtcagg aagttacccct aactccacc 104520  
 acagtattca aatgcatatg ttccctgaaat tgcctcagaa aactccacc 104580  
 gaacccctcag ttccctgaaat tgcctcagaa aactccacc 104640  
 attgttttag acatgcatc atgtgttact ttgcttact tgcctcagaa aactccacc 104700  
 ctgctgtgcc ttgtgagtag cctttcttta ttgcttact tgcctcagaa aactccacc 104760  
 actttatagg tgcacccctga attctttcct gtggaggctc aagaactctc tcttggggct 104820  
 tggatcagga cccctttctg tgtttaaaaa cagattttaa cattttaggt ttttagcttt 104880  
 agggagaaat atttttgttt tcccttaatt cctttgcttt ttttgaggg aaagttaaat 104940  
 ttcaattata ttcccttaatt cctttgcttt ttttgaggg aaagttaaat 105000  
 atcgagattt tgggtcttaa aaaaagctcgt agttatttta atattgattt 105060  
 ttcccccaa tcccaactgt cacagtgctc tcttggccca gtacgctctt 105120  
 caagagagaa acagggacgc ggtatgatcc ttctgacagc atttggaata 105180  
 tttctgttat gttggcactt ccaatttttg ctttggcttt atttggaata 105240  
 tcagatttta agaaaacott caagtctaca tttttttgt ttgtttgttt 105300  
 acaagagata aaaaattgga tatctaaaaa ttagccatca atgtagctca 105360  
 ctcaaggcat ctccaatata attagtata tcaattttaa tttactgatt 105420  
 tgatcaatta attagctatc cctagtttaa ttttaaagc ctgagtgagc 105480  
 ttgctctggc agttcaaggg catgcaaggg catctgtgcc agcaaatggc attaattgtt 105540  
 tcagtatgta acgaatgagc tggagcggat tggataact cttcagacc ccaagaatgg 105600  
 tcttaagtga atagtccaat tggctctatg aggggtggcag caccatggg 105720  
 tcttgcccca tggctgtgcc tggatggcct gagacagagc agcttgctt 105780  
 ccactgtact actgcccccc tgaacacaaa ttgttatgct ccttccactg 105840  
 ctgcttaagt gacctgaga ggtgcacctg cacaggagcc gaaggcctgc 105900  
 accattaact gttgagatga aatcccaact cattgaggaa gacacccagg 105960  
 cagaaggagc aaagagatga aaaggcattt aattatttgg aaaaaaatg agagagagag 106020  
 agaaagagag agagagaaag caagagagag agagagagag agagagagag agagagagag 106080  
 agagagagag aaagcaagag agacagagag acagagagag agagagagag agagagagag 106140

1007441.020702

10071441.020702

acagacagag	agatcctaag	gggatgcagt	tagtataatt	ggagtgtaaa	aagactttct	106200
gtaaccacaa	acatgatatt	tgaatgaaga	cttcaataga	gaacacagaa	aagagaataa	106260
tcactgtgag	atgttttggtc	ctctgtatta	aaagaaaagc	tttagacaaa	ttaaatttag	106320
cagttttaatt	gagcaaaagaa	caatcaca	atagggcagc	ccctaaccac	gagcaggctc	106380
cgatgtgact	tgtatgctgtc	tcatagttgg	ataggattta	tgggcagaaa	aaggaaacgtg	106440
atgtacagaa	aatgggaagt	aggtacagaa	acagccagat	tggtgatggc	tcagactttg	106500
ccttactgtg	gcccaactttg	aacagctggc	cagctgtgag	ggctgaagtc	tgtccgcgtg	106560
gattggctga	gacttgggtta	cttgctatga	gagtaggtga	cagctctggt	acacatccag	106620
ttaggtttaca	gttcaactatg	tacagagaaa	cttttaggct	gaatttaaaa	tatgtaagga	106680
gaaaagttta	agctaacaact	attaacacct	agaagagaga	aggtgttcat	tcgcacaaata	106740
attatggagc	acctactatg	tgcacggaag	tgctttgtgc	aaaatagaa	aacatgtaac	106800
ccaaatacag	ggtagaacta	caaagaaatg	gaagccataa	atgaaactat	gagagacata	106860
aoccaaaaat	aaaattcttaa	gcccttgaac	tgactgatgg	acctccctc	gggcaagggg	106920
cattccaaag	ttaaactgttc	aaatttagttc	aggccatgat	aggaatgggt	ggctaaacgt	106980
ccctcattgt	actctcctcc	ctcttgaatt	caggacacac	tgatcagcat	tcacatcaac	107040
acagagatgt	taagccctat	agaacagact	ctttaagatt	gataaagaac	atttacaatt	107100
gattctacct	gaagcctgct	acctggaggt	ttcatctgca	tgataaaaaa	ctttgtttcc	107160
acaacccctt	ctcttaacct	agacattoca	agtttttaga	taataaattc	tttagcaggt	107220
tgccaatacag	aaaactctttg	aaatctgccta	tgacctggaa	gctccctcc	cccaagtgtg	107280
cccacctttc	caaaaacaaa	ccactgtoca	tcttacctgt	atgactgtac	ttgttatgtc	107340
tcctctaaat	gcacaaaagc	aagctgtacc	ccaaccacct	tgggtgcatg	ttctcaggtat	107400
ctctctgggg	tgcatcatgg	gccactggtc	actcatatt	ggctcagaat	aagctctttc	107460
aaatatttca	cagagtgtga	ctcttttcat	taacagacat	gaaagccaga	tacagatgta	107520
atatgcagag	agtaaaagct	ccaaaaggag	agagagtaat	atatggagaa	gtgaaaaaaa	107580
tcaaagagag	aaaagagagaa	ctccttttaa	cttcaaatc	cttcaaatc	ttgaactctg	107640
gaaaggaat	taatttttag	gaccccaaac	tcatttagcc	aaagggaaat	gtcaagctgg	107700
gaactgtgtc	gttcaaacct	gctctccctc	tttggttcct	aaataaagtc	gctatgatga	107760
aaagctacat	gtctccacca	tattttgtct	acaagaaat	tccatgtgaa	ccgtttaaat	107820
ttcaccatgg	caatgcacaa	tgatagctta	ctcttacaag	tcagctaccc	ccacagatgc	107880
aaalgatcat	ctgatgtgtc	ccctgcctta	ctttatctat	gttctcttat	gtaaaaatgc	107940
gactccctgc	attttttctc	tgctctcatt	gtttatgtca	tcttatgtta	aaaaaatgtc	108000
agattcactg	agccagagaa	agggcatgaat	aactattttt	ccctgccttg	ctctacatgc	108060
aaaattgtgt	actttctaat	atcccgccct	tttcccttta	aatttgagc	ctccaaaatc	108120
accttcagag	aaaggccatg	tgctgtctcc	cgggcatggc	tccttaact	tcgcaataa	108180
atttctcaaa	atgatttgaga	cttgctctgt	catttttctc	aatgacaagt	ccataggtgg	108240
ggggaaaaaa	aaaaaggaia	aagatacacc	taggtatata	ctgaataatg	tttaaaatgt	108300
ccaagagaga	aaaaagacag	agacagagag	aaggaaaagag	atgcagagag	tgaaagagag	108360
cggaagaaa	tgggggaggg	agggagatag	aaactctagg	aaaagaaaac	aactcatctt	108420
agattttctc	tcgtctctca	tgaaaatggg	aagactgaag	tgtatacaca	cttttttttg	108480
atcgtcatct	agacccctca	tattgtcatc	aatgagggca	ggggaaattg	ctttggggga	108540
tggttagggg	gacaggacga	caagcaacaga	ctcagatctt	acacatacaca	tggaactttc	108600
gaggaaatta	attgaacaag	ttcagctgaa	caaaaattaa	atagaaatga	atcaataaac	108660
tcctaaatac	agcaaaagat	atgcattata	aaactacagc	aaatataata	gtaaaacaa	108720
acaacaaaaa	atgagagggg	tgttcatcac	tactaccact	actgtttttg	ggaaattccg	108780
aatctggaat	agaaaagaat	atcagtggtg	tagataattg	taaaatagag	acaaaattat	108840
taacatttag	ataatatag	cacatlaact	aaccagactc	actaacacaa	acaaacaaa	108900
acaagtgtg	tacagacaa	gaaaagattc	agtaaggagc	caacacacac	taaatgtta	108960
aaacacagta	tttcatctta	tcccagcaat	atttttgcaa	acagaaaaat	actctactca	109020
gaacagcaaa	tgctaagtgt	agagttagct	gaaaggtgaa	ggacctgcac	gaagaaaact	109080
agaaattcta	tggaagtacg	ttgacacagg	atctagagag	gtggaaagac	acgctgtggt	109140
cctggatgga	aagactgaat	ctcagtaaaa	tgccaacaca	taacacagct	attgtgaagt	109200
caaagttaatt	ctcattatga	aaaacttaag	aaagaacagt	gagatagtga	acagacatta	109260
acttttttat	gaaagttagt	ataaccacaa	gctgtgtgct	gggtctcgag	tagaaaaata	109320
ggctacacaca	taaaagtgcg	aaacagaccc	agagactact	tacatacat	acaaaactcg	109380
ccaacactta	tccagtgtct	tctatgtgcc	tactactatt	ctctgtgttt	tcagtgttta	109440
acctattatc	tcaaaacccct	aaaagggaag	catctgtatt	tcctctactg	tacagatgag	109500
gggaagtggg	cacagacagc	ttaaacaact	ttcacaggac	tgagaaagt	gccagtaagt	109560
gtgagttgag	cccagacact	gcaatccaga	gctcatgact	gccactccgt	ccagctctgt	109620
accgtgggtg	tcataccttc	tgtcatccaa	gtcagggaga	aagacatcat	ccctgtcatc	109680
caagtgcagg	acgaattgcta	ccgggagagt	tcacccagg	tatgttgaa	aacactggcc	109740
aggagtgggg	catgtggggc	cacgcctgta	gccccagcta	cttggggagg	tgacgtggga	109800

agatggattg agccttgggtt agtttggaggc agcagtgaaac catgatcatg ccactgcact 109860  
 ccagccttagt aacacagagta agactctgtct caaaaaaagg agatgaatga 109920  
 aggtctctaaa ctcaaagggg agactctgtct aaaaattaccg ggggaagtatt 109980  
 tgtgtaacac tggttagggaa tacatagtgtt gaactaaaaa aaagtattatg 110040  
 atgtaaacaa taacatagtta taacatagtgt acaaaacgga ctctctgtggc aaaagcaaca 110100  
 agctccttct gattataaatt tgaaagaaca atagggaaca aaagcttata atataggaag 110220  
 gcagtgatgc ttattagtgtg tcagggggagt gcagactaaa acaacacaca ggtcttaggg 110280  
 attttttagac tgtcaaacaa ggtcatcggt tactgacaaa tgtatggatg gccaaaagta 110340  
 tcttttcatc cacagctggt aggaccgcac attagcataa aattttgtga aaggattttt 110400  
 gtctgttatt cttaagtatg aaaaattgctt atttgttcca gcaatctgat tttgtgaaat 110460  
 ggaactgcaca ttaattaaag caccagtaca tcaagatggt tgtacaaggt tggttctggc 110520  
 agcattgttt gtaactgcaat acccaaaaaa acaaaacaca tgcattccca ggaatgaaac 110580  
 tgaactgcag tgaattaggg aatggctaaag taattatagg tgcattccca gaaggcaaga 110640  
 aatagtagca gtttaagaag atgagatact atttccacga caagaatgaa 110700  
 aacatctgaa gatgcgaagt gttgatgatg cagggaacaa gtgaactca gaacagttta 110760  
 ctgggtgtgc tactgcgaga atgcctttgg aaaaacaatc gcaatatact gaagacttaa 110820  
 aaacacgttg tctgcaaccc tgcaactcta ctctctggaa tcttccctac gtaactcctt 110880  
 ccatgagagc acagagagct ggtgtgagaaa gctcactgtc gcttctgttg caacagctag 110940  
 aaattaaaga cagcccgccat gccctcagc agggagcgg acgagcgcat ggtgttattca 111000  
 gatactgata tgccatgaag aagttaactg catgaaccac atctatctgt gccaacaga 111060  
 tctctctcaa tacttagtga tgagtgaaaa gtgcaggtca cataatgatt agttaaatt 111120  
 atatcgatta acaaacacct acactttgoc atttactgct gttgtgtagt gtgcattgaa 111180  
 cacagacaga tgtgttcaca gtgggagagc acaagctgtg ggtctgacac tgggtctgct 111240  
 tctctctctc ctccgctgtg tagtgtagta agggggcctc gcaagaagcg ccagctttct 111300  
 gacatagtgt ggactattct tagtcattgc tttacttcca aactctgatc tggaaagcgt 111360  
 agaattctt tctgcaaaag gaactccaa gactgtcgaga ctctgtgcaa gttgattgtt 111420  
 cctgaacgga agcaaaagga gttttctgaa aaggacagat gagggtgaag gaagaagaaa 111480  
 aatgatttaa atctaaagaa gggggaacg atctccacag agtccocctc ctgcaagatt 111540  
 atgataatgt taagttagtc ccagataatt gggctagtgt gtgttatctt agatgagtag 111600  
 atagcaaaat ctaattlagag ccccactaat tctactaaa gtgttagtgt ctataacaa 111660  
 attaaatgaa ttttatggc attttatctt aaccagatt cactaggcca aagtgtctg 111720  
 agaactggct caaggggctt gtccataggt gtctgaaaca gggagggaag ccaaggaaat 111780  
 agcatagaaa caagagccct aggcagagct aggcagagc caagcacaac gttgtcactg 111840  
 caccaggtat ggaagtcttg aaacacatca tatggtgcct gactgtagag gcttgtgcac 111900  
 aaatactcta aaacaaatca acactttata aaccttaac atgaccocaca gcacagcagg 111960  
 ttactctccc acacttgatg ctaatggcat gtaagtttta tttttgattt tccaattggg 112020  
 aaatagaata ttaaaaat atgtggatat gtatatatgc acacacacac tccacatgac 112080  
 agaaaatgtt acaaaacacc tgtacgaaca ccactccagg aaaaatccag aacattgtcc 112140  
 gtaccctcac ccccactttt cccaatcac cctccttcca tcccggtaa tggacctcct 112200  
 cggctttatg ataactattt tcttgttatt gtttaaggtt cggctatgac acactctcct 112260  
 aaacaaattc attccaaagt tctgtatttg cagacacgc tctgtgtctc tcttctcaa 112320  
 cactgcgtca gtgaggtttg tccatgttag cagcagtttg ttgattttcc ttgcagtga 112380  
 gaattttctt tgacaatttt tctgttctac tgtttgttgg acattgagtt gttgccattt 112440  
 ttttgccatc atgagttaat ctgttgtgag tatccaggcg acatgacaca atatttgga 112500  
 tcccactata ggtattcttg gtcatagatt ataattgtac ttcagtttta tgacattgt 112560  
 cttaattgtt ttcaccggga gctttaccaa gtctgtcctc tcccggtgtt atatgagt 112620  
 tcccagccct ctgtgtcttc ttttaactc aggtgtgtgc agtttgtgaa tgtgtgccca 112680  
 tctgggggca tttgtgttgt agtagcagca gttoactgt atctctgat tctcccgagt 112740  
 cctaatgaag ttgaacacct ttgtatact tgcgtcttat attttgtaca gtaagtaact 112800  
 aaacttttg ccaattttct agtgaatgac aactcccttc tttaagattt taggttctt 112860  
 cacatactag gaataattct cgtcaatcac tccatgactt gcttcaact tctctgggt 112920  
 tctttcaatg aacagagtg ccttatcttg agggagggcaa actccaact ctcttctt 112980  
 gtgttttaata tgttctgagt cttgtttgaa aaactccttt agcttgagac ctggaagaat 113040  
 aatcacctgt agtctaaatg tcttacagtt ttgctcttaa ctttttaagc taactcaacc 113100  
 caagctgagt ctctgaatg gcaaggagtg gactctgatt tcttctcctt cctctcagc 113160  
 cctccgtgct ggtgcgcccc tgcctcgag atgcatgtcc agtggcccgag tgccacccat 113220  
 cagccagacc ctccgtgata gaccacgtac ccacatacgt gtggctgttt tcttctctt 113280  
 taattctggt caaggaatgt ttttgatgaa aagggggatg aagctaaagc agttttgag 113340  
 tggggcaatt gtgttcttg gtgggattt ctaccctt ggcagcagcg ggtggctggg 113400  
 cataggggaa gaaggagcta cagggttgag ggaatgctgt gcaacttaga aaaattaaga 113460

10971441.020702

aaaaatgaaga tattgctcag ttatggcgaag tgtttgatga aacaggggacc catacatggc 113520  
 tctgtgaaaaa tgggttaaaag tttttttttt tttttttttt gagacggaggt ctccgctctgt 113580  
 cgcccaaggct ggaagtcacgt ggtgcaatct cggctcactg aacgtcccgcc ctcccgagtt 113640  
 caccgccaatt tcttgctcct gctcccgagc cagctggggac tacaggcgccg cgccaccaagc 113700  
 ccggctctaatt tttttgtatt ttttagtaga gacgggggttt caccgtgtta gccaggatgg 113760  
 tctcgtatctc ctgacctggt gatccaccca cctcagcctc ccaaatgggt aaagattttt 113820  
 gaggagaaat tgtccaatgt atactaataa cttttactact ttggtaattt catactcggg 113880  
 catctgtctcc agggaaaaat ttaataatgt atacaaatgt cacatacaag ggttttccat 113940  
 ttgcttatact gaatacaaaa attagaaaacc tctaaaatgt ccaggggaag ttgggtgttta 114000  
 agtgaaatgt gaggcatcca tccaatggaa tagtacatag aaactagaat aatgtttatg 114060  
 alggagatttt gaaaatatgg gaaaatgatt ttgctacac tgctaaaagg gagcaaggag 114120  
 gatgcaaaagt gaaatatcca gcacaatccc aaattttaaa agctgaaata gacaaaagtga 114180  
 aaacaatttaa acatgaattt ttatgaaaaa gttcataaaa ttcataattc atacagaaaa 114240  
 taggtatttt tctggctcta tattattttc cttcttttac ttttttgagt taataaaaaa 114300  
 acccagatat actacatatt ccttgtaaga agttcaacta ttgtgggata tgtagaaaaa 114360  
 tatcacataa ttgctcccca aaggccctcc caccagccag gtaactctac tgtccatgta 114420  
 gaatgattcc ttcocatttc ttcocctgga agggagcaca gaactcaaat ttccocagggt 114480  
 ccaaaagcagg aaatgaaatg aaagaaaaac ttgatataga caacagacaa ggtgtggagt 114540  
 gggaagcctg aagaatactc ctgttttact ataagtcaat gatgacctat caaacacttg 114600  
 tagagcgtgg gaatacgcctc tcagccacccc atttccagag aagcaactct taatgtgtta 114660  
 ttatcttcca aaaagcttta ctgagataca ttacataacc attaaattcc ccccttaaaa 114720  
 atatgctact aaaaagtttt aatatatttg cagagttgta tctgtlaacca tcattataac 114780  
 ccaattctga aataatctca tcccagagg acacctcgaa ttgatataa ttcactcctt 114840  
 gtttccctcc cccaactcct agtgctaggc aactactcac ctactaacct gactctgtgg 114900  
 gtttgcctat tctggacctt tcatacagat agaactcacac atctccgtaag ctcccgtaag 114960  
 tgagtttttc attttagcata tttttgaagt tcaattcagtg tttggcactc atctgtagtt 115020  
 caattctttc cttttctttt ctttttttga aatggagctct ttgctgtgac ccaggagctgg 115080  
 agtgcaagtgt cgggtagctag gctcactgca accctcgctc ccggggttga agtgattctc 115140  
 ctgctcttagc tccccaagca gctgggatta caggcgctgca ccaacatgcc cggcataatt 115200  
 ttgtattttg gtgacagatgg ggtttcacc a tgtgtggccag gttggctctca aactcctgac 115260  
 ctcaagtgtat gctccgctct caacotccca aagtgctagg attacaggtg ttgagctccg 115320  
 cgcttgccat tcaattcctt ttgatgccaa aaaatatccc attgtatgga taaactatat 115380  
 ttltgtttat cactccctag ttaatggaa tttaggttgt tctacttttt gactattgtg 115440  
 aacaatgggt ctataaaat ggtgtacaaa gttttgtata gaactgttgt tccaactatc 115500  
 ttgggttagag gctcaggagt agaattgctg ggtcattatg tagctgggtt tcagattgtg 115560  
 aggaaccaact aaactgtttt ctgaagtggc tgcatcatct tacattccgg tcagagctatc 115620  
 agggttccag ttctccacca tcttggcag cacttgtttac tatctgtctt ttttattctca 115680  
 accattttag tggttagaat tgtatcttgt ggttttgatt tgaatttcc tgatgattaa 115740  
 taattgttag catatttcca cgtgcttatt ggagattcac aaattttctc tggagaacta 115800  
 ttttaattaaa tcttttgcata atttttaaac ggggtttttt gtacagaata ttttaaaatt 115860  
 gaggttgcag agttcttatt atattctgga tacaagctcc tatcagacata tatgatttag 115920  
 atattttctc catctctggt attgtcttt cacttttagt atgatgtct ttgaagcata 115980  
 gatctttttc attttaaaga catctaactt gtctactttc ttttgcctgc tgtgtctgtg 116040  
 gtgcataatc taagagact ttgccaaccc aagattatga agacttaact atcatccatt 116100  
 ttccaagagt gttatgttgt tagcccttac ttttagatct atcatccatt ttgaattaat 116160  
 ttttaaaatt cactcagcag gttattgaaa tataatgcac atactgtaaa attattccat 116220  
 ttaaaagtgt caattcaagg atgtttagta ttaattttta cacaatggac aacctcagtt 116280  
 tttagaacat ttatccccc ggcaaaaagga cactgtatc ctttagctgt cactcccatg 116340  
 accactctct cactccctgc cctcaggcaa ccagttaact actttatct ttacagatt 116400  
 ttctctttcc agaaatttca tataaaaagga atcatcaaat tatgatctt ttgtgactgg 116460  
 ttcttttccc tagacataat gtttttgaga ttcatccatg tttaacaag ttgcagattt 116520  
 tcaattctct tctcatgcta aattatatag atatacata ttttatccat tcatccatta 116580  
 atggacgttt gggttgtgta cactttttga tagttacagg tctgtcgtct ataatcagc 116640  
 atgtacaagt ttgtgtgtgg gcatattgtt ccaattctgt ttgggaatgt ctttaagagt 116700  
 gaaatgctg caatattgaa ctctctgttg aacagtcagg aggtacaga gttttccca 116760  
 agcagctgtg ccaattttaca ttcccaccag cagtgtatga ggtttctgat ttctcccat 116820  
 cctgtcgaac actctgtctt gtcggatttt ttattctcag ccatccatgt atcaagtggt 116880  
 atctcaattgt ggtgtgtatt tgcatttctt agatgactaa ttgggtctgt gacaaaatac 116940  
 taatcagata ctcaactaatt tttttcaatt tttaattgga ctatttgtct ttattgagtt 117000  
 taaagaggtc ttatataatt atgtaggaa ggccctatc atgatacaaa ttgtaaaata 117060  
 tttctcccat cctgtggttc atcttttccat tttcttgatg gtgtcctttg aaacataaag 117120

10071411.020702



gtttggtaaat ttgatgacat cactttatca ctttatctat ttttcttttg ttgctgatgc 117180  
 ttttgggtgt atatcaagag tccctttgtca aatccaaagt catgaagggt tactctctgg 117240  
 ttttctttaa agagtttttat agtttttagct ctacacatta ttgactgatt ttgactcatt 117300  
 ttgtgttaatt tatgtatatg gtgtgagcta aggatccaac ttcatctttt tgcatgtggc 117360  
 tatccagttt tgcaggacc attgttgtaa aagactatct ttctctctgt aaactgtctt 117420  
 gctgctcttg tcaaaaatta attggccata agtgaagggt ctattttctg gactctcaag 117480  
 tctattttcat tgcctatata atctatcctt atgcgatat caactgtctt tgaatactat 117540  
 agcgtgtgtg taattttgat attgagaagt gcaagtcctc catctttgtt ttctttttat 117600  
 caagattgtt ttgctcatat tgggtccctt ccatttccat atgaatttgc agaattgaca 117660  
 gctgttcaat ttctgcaaa aaatcagcta gaattttgat aagggttgtt ttgaacgtgt 117720  
 acatttaatt gtgggttatt gccattttaa caaaaataag tccctctgat catgaacatg 117780  
 taatgtcttt caaactcttt agatctcttt aaataagtgt aaacaattgt ttgtagtttc 117840  
 attgtfacaag tctcagacta ctttgtttaa ttatttcata aatgtttact gtttttgatg 117900  
 ctattgtaaa ttgaactttt tcttactttt atttcacata gtgtgttgtt aatgtataga 117960  
 aaacaacatt attatcttgt atcttgcaat ctgggtgtgt ttatttgtta attgtggtag 118020  
 ttgtgtgaat gccctcagat ttctatata taagatcatg ttatttgtta attgtggtag 118080  
 ttttactcat tgcatacat ttgtgggtgcc ttactttatc ttatttgtta attgtggtag 118140  
 tggctagacc tccagctaca atgttgaata gaagtgcaca aagtgaactg ttgcaagttg 118200  
 ttctgtgatt cagcctttca tcatlaagta taatgttaac tgtgaatttt ctatttttgt 118260  
 gtatgtgggg ggcagcgagt ttgctgtgca coactgtgga tgcaggtggc atgatctgag 118320  
 ctcaotgcaa cctccgcctt ctgggttcaa gtgattctcc tgcctcagac tctgagtag 118380  
 ctgggacact agggcgatgc caccacacac agctactttt tgtattttag tatagacggg 118440  
 gtttcaactg ttgggcaggg atggtctcaa tctcttgaca tctgtgacca ccgccttgg 118500  
 cctcccaaaq tgcctggatt acaggtgtga accaccaagc coagcctaatt tgtgaatttt 118560  
 caaaccttta tgcaggtgag gacattttct tcaatttcta ttttttgagt ttattatcat 118620  
 gaatgggtgt tggattttgt caaatgcctt ttltgtatgt ctattgaaat gattatgtac 118680  
 ttgtttttgt ttgtttttgt actcatttga tatgggtgaat caattatttt ttatttttga 118740  
 ttgttaaccca actttggatt cctggggtaa atccacatg tcatatttgt ttaatgcctt 118800  
 ttatatataa ccttgccttgg ttgcttagta ttgctttgaa ttcttttata tctatattgc 118860  
 taagggatat tggltttatag ttltcttgtg atgcctttag ttltgttata atatgggtat 118920  
 gagacataa atgtgggaagg gttccttcta ttcttataaa gagltttagc agaatcagta 118980  
 ttaattcttt aaatgittga tagaattagc cagtgaaagt atctgggtct gggctctat 119040  
 ttgtggaaa ttltagaalt agtaattcaa tctcttttgt ttgtagtgt ttattcagat 119100  
 taactatttc tcaalagct agttttggca gtttgcgtct tctcaggaat ttgcgcaatt 119160  
 catttaacta gttttgtggc atgcaattgt tcatagtatt cttttttatt aatttttaatt 119220  
 tctgtattga ttltccctca ttltatgagt ctcatttttc cttttttatt cttttttatt 119280  
 tctgtattga ttltctctta ttgtctattt taatgggttg aatcctctgg tcaagttggc 119340  
 gaagagttgt caattttatt gctgatcatg tatcactttt ataattgaat tgttataaga 119400  
 agacataaga agtaagagtc aacccctaca atggagaaca ttaaggtaca ctcaagcttt 119460  
 tctgcctatt ctctcatcat gccaatatgg ttgatccaaa gttattttca ttaactctct 119520  
 ctccatctct tgcctggagt ttgaggttag gtgaagtttg gggattgtgc acccaccagt 119580  
 ggagctgtgt ccttgggtgac ttccagcag tgacaggcca tcaactgtgg aaaggtgtta 119640  
 ttcatataca tgcctattgag atagaagaaa ccatggccccc gtggccactc gatctgatgt 119700  
 cataactcac cgaattttgt ttgtccgtgt ttccagttgt ttaactgttg gttgtgtgag 119760  
 aatgtgaatt tggctatctc gggccaaact tgccttlaag tgccttlaag aaagaacag 119820  
 cctgaggaaa aaacataata atgcccagtg ccaagtgttc aggccttccc cagatgccct 119880  
 gccatgcgc agtgccttat gtcacagacc tcaattgagc ctacagagca ttccocaaat 119940  
 aatgatgaag aaactgagc ttagggaagt tgtgtagcct tgccttgtaa cttaaccoc 120000  
 gttcacacac cttaattagc ttatttcttt ttatttcttt taacttaact taagtcttag 120060  
 gatacatgtg cacaacgtgc aggtttgtta catatgtata catgtgtcat gttgtgtgic 120120  
 tgcacccatt aactcgtcat ttacatttag tatatctctc atgtotatc ctccocctta 120180  
 ccccaccacc atcacagacc ttgggtgtgt atgttccctc tctgtgtgac aagtgttctc 120240  
 attgtttcat tcccaactat gagtgaagac attagtgttt tttttttgt ctcttggcag 120300  
 agttttgtga gaaggggtgat ttccagcttc atcatgtctc ctacaaagga catgaattca 120360  
 tcttttttta tggctgcatg ggtttccatg gtgtatatg gccacatttt cttaattcag 120420  
 tctatcattg atggacattt ggtttgtgtc caagctttg taattgtgaa tagtgtgca 120480  
 ataaacatac gttgtgcatgt gttctttatg cagcatgatt taataatcct tgggtatata 120540  
 cccagtaatg ggaatgctgg gtcnaatgg atttctagtt ctgatctctt gaggaaatgc 120600  
 cacagtgtct tcccaaaaag ttgaactagt ttacagtcoc accaacagta taagaagtgt 120660  
 cccattttct cacaacctct ccagacactg ttgtttctgt acttttttaa gattgcact 120720  
 gtaactcgtg ttgatgggta taccattatg gttttgattt gactttctct gatggcagat 120780

gatgatgagc	atatttttcat	gtgtctgttg	gctgcataaa	cgtcttctctt	tgagaagtgt	120840
gtgtcattat	ccttcgcgcc	ctttttgatg	gggtgtgttt	ttttttctctt	gtaaaattgt	120900
ttgagttggt	tgatagattc	ggatatttagc	cctttgtcag	atagtagatg	tgcaaaattt	120960
ttttccatt	ctgtagggtg	cctgttcaact	ctgatggtag	ttctttttgc	tgtagcagaag	121020
ctctttagtt	taattagatt	ccattttgtcc	attttggctt	ttgttgcatt	tgcttttgggt	121080
gtttttagaca	tgaagtcctt	gcccattgott	atgtcctgaa	tggtattgoc	taggttttcc	121140
cttaggggtt	tgtgtgtttt	aggctcaaca	tttaagtctt	taatccactt	tgaaataaatt	121200
tttgtataag	gtgtgaagaa	gggatccagc	ttcagctgtc	tacctatggc	tagccagttt	121260
ttccagcacc	atttattaaa	tagggaatcc	tttccactt	gcttgttttt	ctcaggtttg	121320
tcaaaagatca	gatggttgta	gatgtgtggt	gtcattttctg	agggtctctg	tcgtttccat	121380
ttgtctatat	ctctgttttg	gtaccagttac	catgctgttt	tggttactgt	agcccttgtag	121440
tatatgtttga	agtcaggtag	catgatgctt	ccagctttgt	tcctttggct	taggattgtc	121500
ttggccaatgc	gggctctttt	ttggttccat	atgaacttta	acgtagattt	ttcccaattc	121560
gagaagaaa	tcattgttag	tttgatgggg	atgacattga	atctataaat	tcacttggga	121620
gtatggccat	ttttatgata	ttcatttctc	ctatccatga	gcattgggatg	ttcttccatt	121680
tgttttgtgc	tgtgtgtgtc	tcgttgagca	gtgatttgta	gtctctcttg	aagaggtcct	121740
tcacatctct	tgtgaagttg	attcttaggt	atttttattct	ctttgttaga	attgtgaaat	121800
ggagtcaact	ctgatgtttg	ctctctgttt	gtctgttatt	gggtgataag	aatgctgtgtg	121860
attctttgcac	attgattttg	tatcctgaga	ctttgtcgaa	gttgcctatc	agctttaaag	121920
agatttttggg	ctgagacaat	ggggttttct	aaataacaaa	gtctgttttt	tgaaaagttg	121980
gacaaattga	cttctctctt	ttctaaattaa	atacccttta	tttctttctc	ctgcctgatt	122040
gcccattgcca	gaacttccaa	cactatgttg	aataggagtga	gtgagagagg	gcattccctgt	122100
cttgtgcag	ttttcaaaag	gaatgcttcc	agtttttgcc	catctagatt	gcatctggtt	122160
gtgggtttgt	cataaatagc	tcttattatt	ttgagatacg	tcccactaat	acctaaattt	122220
ttgagagttt	tcatctagaa	tggtttgtga	attttgcoc	agcccttttc	tgactctatt	122280
gagataatca	tgtggttttt	gtctttgttt	ctgtttatat	gctggattac	atttatgtat	122340
ttgtgtatgt	tgaaccagct	ttgcattccca	gggatgatgc	ccacttgatc	cttggtggata	122400
agcttttttga	tgtgtctgtc	gttcoggttt	gccagttatt	tattgaggat	ctttgtcatg	122460
attgttcatca	gggataattg	tctaaaaattg	ttttttttgt	gtgtgtatct	gccaggtctt	122520
ggtatcagga	tgtatctgtc	ctcataaaaa	gagtttagga	ggattccctc	tttttctatt	122580
gattggaaata	ttttcagaag	gaatgggtacc	agctctctct	ttgacctctg	tgagaattctg	122640
gctgtgaatc	catctgtgtc	tgaacttttc	tggtttggt	gggtgttaat	tattgctcca	122700
atttccagagc	ctgtttattg	ttctattcagg	gattcaactt	cttctgtggt	tagtctgtgg	122760
aggggtgtatg	tgtcgaggaa	tttatccatt	tttctagat	tttctagtta	atttgccttag	122820
agttgtttat	agttattctc	gatgttagtt	tgtattttctg	tggaatccgt	ggtgatgtcc	122880
cctttatccac	ttttttattg	gtctaattga	tttctctctt	ctttttttct	tttttttttt	122940
taattgatca	ttcttgggtg	tttctcgagc	agggggattt	ggcaggggtca	taggacaata	123000
gtggaggggaa	ggtcagcaga	taaacaaagtc	aacaaaggctc	ttctggtttt	ctaggcagag	123060
gaccctcgcg	ccatcccgag	tgttttgttc	cctgggtact	tgagatttag	gagtggtgat	123120
gactcttaag	gagcctctgt	ccttcaagca	ttctgttaac	aaagcacatc	ttgcactgcc	123180
cttaattccat	ttaacccatga	gtggacacag	cacatgtttc	agagagcaca	gggttggggg	123240
taaggctcata	gtacaaagcg	atcccaagcg	agaagaattt	ttcttagtagc	aggaacaaat	123300
gaaaagctctc	ccatgtctac	ctctttctac	acagacacag	caaccatccg	atttctcaat	123360
ctttttccoca	ccttctccoc	tttttatctc	cacaaaacca	ccattgtcat	catggccctg	123420
tttcaatgag	ctgtttggct	caacctccag	atgggggtgt	ggccaggcag	aggggtctct	123480
cacttccagc	taggggtggc	caggcagagg	caccctccac	ctcccgagag	gggcagctgt	123540
ccgggctgggg	ggctgacccc	ccacactccc	ttctggacgg	gtcggtctgc	cgggcggggg	123600
gctgaacccc	ttccctcccg	gaaggggcg	ctggccggcg	gggggggtgca	ccgcccccca	123660
ctctccctcc	ggacaggggt	gtgcgcggcg	ggagacgtct	gctactccc	agacggggcg	123720
gctgcggggc	ggagggggct	ctcacttctc	agaagggggc	gctgcggggc	ggagggggctc	123780
ctcactctc	agatgggagc	gtcctcact	ttctcagatg	ggcggtctgc	ggcgggaggg	123840
ttctctcaact	ttctcagacg	ggcgccggcg	cagagggcgt	ctcaccctcc	cagacagggg	123900
gggtggggcag	tggtgtctcc	cacatctcag	atgatggggc	gctgggcagc	gagctctctc	123960
acttctatcc	agacgatggc	cgggccagga	gagacgtctc	tcacttctca	gacaggtatg	124020
cgcccgggca	gagacgtctc	tcactttcca	gactggggcag	ccaggcagag	gggctctctt	124080
catccagagac	gtgggtgggc	caggcagaga	gactcctcac	ttccagacag	gggtggcggc	124140
cgggcagagc	ctgcaatctc	ggcactttgg	gaggccaagg	caggcggtct	ggagcgcgag	124200
agccgagatc	agccagatgc	agccacgtgc	atccacagct	gggacacatt	gagcactgag	124260
tgaatgagac	ttcgtctgct	atcccggaac	ctctggggag	cagaggtctg	cgcatcactc	124320
gcggttagga	ttgtgaattt	agcctgtctc	acacagtgaa	ctctccgtct	tacattttta	124380
ttatgtctata	ttatgtctgc	gtggtgtgtc	gcactctgtc	ctctcatgca	ctcggtctatg	124440

1007141.020702

ctgtagcatg acaatccgctc agtgtgtgtt ttctgactct tgagtcgcct cgacactcag 124500  
 tcttgggtgct ccttatacata tggagatcgt ttgttcgtct tcttctgtgt ggttttgcct 124560  
 gtgccttttct tgtttatttgt atcgccttatg atcgtgatgt tgcctctagt gcttctgtgt 124620  
 ctctagtgctg ttttttttgtg tgtatcttgt tcttgcgttg agtgggttgg cgttggcccc 124680  
 gaggctttct tttggtttgtg tgggtgtctct gacgttttgt tgcctctnnn nnnnnnnnnn 124740  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 124800  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 124860  
 gattgggtat ggttagtagt attgaggggc atgtgggtta attaggtttt gtaatagatta 124920  
 tattttatttt attttattgta tttaaatgat tagatgttgg tttaaacgtg atagatgggtg 124980  
 ggatatagatt atagatgtctg tctcggtgagc tatatgggat aggttaggttg ggtgtgtcgt 125040  
 gctctcgcgc gctctctcca gcagtgtgct tggcctcga tggcctcga gaccacacac 125100  
 gtccatctca tttcgcgccta cgacacactc atgtctgtac gcacaggttg atctctcgc 125160  
 gaggcctctc gtctggcgctg ctggggggggc gtggggggggc gggggcgagtc ggggggagat 125220  
 aggagctgga agaggagaga tggcagaggc gaagatggcag agggagagctt gaatctctctc 125280  
 tttctctctt tattagtctt gctagcagtc tatcaatttt gttgactcct tcaaaaatc 125340  
 ctccctcgga ctcatgtatt ttttgaaggc atttttgtgt ctctactctt ttaagtctgt 125400  
 ctctgattct aattatttct tgcctctcgc tagcttttga atgtgtttgc tcttgcctct 125460  
 ctagtctctt taactgtgat gttagggtgt caattttaga tcttccctgc tcttctctgt 125520  
 gggcagtgtag tgcctataat ttccctctac acactgtcctt aaatgtctgc cagagatgct 125580  
 gggtatgtgt gcttctgttc tcatgtgttt cttattttct ctttctattt gctctcattt 125640  
 cgttatgtac ccoagtagtca ttccagtgca ggttgttcag tgtccatgta gttgagaggt 125700  
 tttgagtgag tttcttaact ttgagttctc gtttagttgc actgtgtgtc gagagacagt 125760  
 ttgttatggg tttctgtctt ttacatttgc taaggagtgct ttaacttcca actatgtgtg 125820  
 caatttcaga ataggtgtga tgcagtgctg agaagaatgt acattctgtt gattttgggt 125880  
 ggagagtgga ctgagtgctc attgtctcgc agctgagtc aatctctgga aatctctgga 125940  
 tatccttgtt aactctctgt ctcatgtatc tgtctaatgt tgaacagtggt gttgttaagt 126000  
 ctctcatatt tatltgtggg gagtctaggt ctctttgtag ttttttaaga acttgcctaa 126060  
 taaatttggg tgcctctgta ttgggtgcac atacgtttcg gatagtagc tcttcttgtt 126120  
 gaattgtatc cttttaccat attgaatgac ctctttgttc tcttttgtc acttctgtgt 126180  
 taaagtctgt tttatcaagc actagagatt caaccctcgc ctttgttttc catltgtgtt 126240  
 gtatgtctc ctccaaatccc ttatttttga gcttatgtgt gcttccgcac tttgtccgag 126300  
 tttctgaaac acagcacact gatgggtctt gactcttat ttatgtttaa tttgtgcag 126360  
 ttttaattgg agcatattag coattttacat ttatgtttaa tttgtgcag 126420  
 atctgtctat tacagattga gatggttatt ttgtccatta ctgttaccag 126480  
 gcattgatgg tcttllacaat gtggcatgtt ttgtcagtg tctgtaccag 126540  
 coagtgttag tgcctctctc aggaattctt ttaggcgagg ctgtgtgtgt acaaaaatctc 126600  
 tcaagcatgta ctgtctctga aaggatttta tttctccttc acttatgaag cttagtttgg 126660  
 ctggatattg aattctgggt tgaatttctc aatgttgaat attgttgaat attgcccccc 126720  
 agtctctctt ggcctgttag gttctgcgc agagatcagc tgttagtctg atgggctccc 126780  
 ctttgggtggt aacctgacct ttctctctgg ctgcccctaa catcttttcc tctatctcaa 126840  
 ctttgggtgaa tctgacaatt atgtgtctcg gattgtcctc tctcaaggag tatcttttgt 126900  
 gtgtctctct tatlctctga ttlttaagt tgcagaggtg agcaaggtct 126960  
 cctgcataat actctcaga gtgttttcca acctgggtcc attctcccc caatattct 127020  
 gtacaccaat cagatgtaga ttgtgtctt tccaatagtc coattattct tggaggcttc 127080  
 gttcatctct tttttcttct ttttctctaa acttatcttc tgcctctaat tcatctatt 127140  
 gatctctagt cactgatact ctltcttaca gttgatcgaa tgcggctaact aagctgtgic 127200  
 attcgtcaca tagtctcgt gccatgtttt cagctccat caggtcactt aggaactctc 127260  
 ctacacttgt tatcttagtt agccaattct ctaattcttt ttoaaagttt ttagcttttt 127320  
 ttgcgatggg tctccaaact ctctcttagc tgggagaagt ttgtatctct gaagcctctc 127380  
 tctctcaact cgaacaaagt attctccatc cagcttttgt ccaccaactcg cgaggagctg 127440  
 cctctcttgg gaaggggaga ggcaactcga ttgtagaat gttcagactt tctgtctgt 127500  
 ttttccccat ctttgtgggt ttatttaact ttggtctttg atgatggtga cgtacagagt 127560  
 ggggttttgtt ggtgtggagt tctcttctgt ttgttagttt cactctcact tctctgaac 127620  
 ctcagctgca gtttttgtga tgtttctag aggtccactc cagacctgt ttgcccaggt 127680  
 atcagacaga gaggctgcag aacagcgaa atttgtgaac agcaaatgtt gctgcctgat 127740  
 tgcctctctg gaagctttgt ctcagaggtg taacctggcca tagtgggtct cagctgcctc 127800  
 ctactggagg gtgcctccca gttaggctac tctgggtgaa gggagcaact tgagggggca 127860  
 gtctgtccct tctcagatct caaattccat gttgggtgaa ccaatagtca cctcaagct 127920  
 gtccagcagg gacatttaag tctgcagagg ttctctgtgc ctttgtttcg gctatgact 127980  
 gcccacagg gtggagtcta cagagctgg caggcctctt gggctgcagt gggctccacc 128040  
 cagttcagac ttctgtggca tgaagcaagg cctgtgggca tgggacctc cgagccagac 128100

1007141.020702

atgggatata atctctctggt atgctgtttg ctaagactgt tggaaaagta cagtagtagg 128160  
 gtgggagtga cccaattttc caggtgctgt cgtcaccac ttcctctggc taggaaaagg 128220  
 aatccctcga ctccctgcac ttccagggtg aggtgatgct cacactcaat gggtcgcccc 128280  
 cactgtttct ccccactgt ccaacaatcc ccagtgagat gaacctcagt cctcagttgg 128340  
 aaatgcagaa atcacccatc ttctgcaty ctcagtgttg gagctgtaga ctggagctgt 128400  
 tctatctcgg ccatctttgga accagctcga attagtgaat ttccaacata aactcactat 128460  
 cctgtgctct tagcactcca ctttacaata gccaaatcca gttctctatc cttctgccca 128520  
 ctcaactcagc aagccttggt gccctcgctt ttcaagtctt agagaatcat gttcagatgc 128580  
 aagagccagg cttgtgtctc actgggtctg gcaggcacag tactgacct actctggcct 128640  
 gcgtgtgcct ttccacttga ggtctcaacc ttcaactcag cccctcaaga ctctctcagg 128700  
 acctaaaggc cctcgtgtga gagctgcctt ttgtctccag gaaaaagca ttctctggcc 128760  
 ctgtgtgggt atctttaaat cactgcagaa tagtttactc ctctctctct aaattcttat 128820  
 actgagcaaa aacgggaggt cactctgggt tttagtggt cctgtgagag cagcagttct 128880  
 cacagctctt atgtttctaa gtccatttca gtagaattgt gaaaaattgt tgacgatgac 128940  
 acaacccggg ttctctgtct gtccacacag aggtatgaga atgactccta tcttcaaaaga 129000  
 gtgcagtgtc ctgagatggt ttgaagaga ttagatgtgt tggacttggt cttctgtcact 129060  
 gaagctgtgt gaccaagagt tgccctgacc cctccacatg taaaattggag atgataatgc 129120  
 ctactctccc ggtgcatagt gtgcatttgg ggagagaagt caggaaaagg ctccacacg 129180  
 cgctctggac gcaatgaatg ccaatggatg ggaacaatga tcaattatcat tatgcctata 129240  
 gctacactgc ctgtaggggt tctgtctctc cctctaaggc tagctctcag atcatcttat 129300  
 ctctcagcct gtctctgtgc cgtctctcac tgcaggagtt ggagcaggtta gcaggttagct 129360  
 aagggcgggg ctgctctcca gagcctttag agcagatgag gtcataatcat gaccaactct 129420  
 taaactattg cttaaaggcca agcctgtgaa cgcagcccat agagctgtga atagggggag 129480  
 ccagatctct ctgaaacact gtccgtgaaat gttctctcat gctctcgtg taagaaattg 129540  
 tgttttaaaa tgaatttttc aacacagatt attatatatt ttgtaaaat aatcaaaatt 129600  
 aattactaga aaaaatgaat tttaaaaacc caaagatatt caaaatccaa gtcttttttt 129660  
 ttttctattg gtgcaaaagt cacaaaaatt tctgtttaag ttgctataaa agtttctcaa 129720  
 accctctctc tgagctcttg tatttttatt tttttttat ttctttttat ttcttttaag 129780  
 agacagggcc tccctctgtc tccaggctca gactgcagtg cactgatcat agctccctgc 129840  
 agccttgaac ttcaaggact aagtgattcc ccaacctcag cctcctaagt agtggggact 129900  
 ataggcacac accacacac ctggctaatt tttttttttt tttagagaga gttgttgtgt 129960  
 ctgttgccca ggtcggggta cagtggcatg atctcagctc actcgaagc ccaacttcca 130020  
 ggttcaocct atctcctctg ctacgcctcc caagttagct ggactacagt tgccccacac 130080  
 acagctccag taattttttg agagacgggg ttttactgtg ttttactgtg ctgaccagga 130140  
 tggctctgat ctctcgacct tctctacatt cctcagctgt ctgtactgt 130200  
 tttttgtaga gatgggtgct cctcacattg ctccagctct ctgactctaa 130260  
 acaatctctc cgccttagcc acccaaagtg ctggaactat aggcctcaac ctctgtactg 130320  
 atctaatgtc agacctgac cagtttagtt ctccaggtca cactctgagc 130380  
 tgtccacccg acagcacttc caggctgaga catctctcat ctgtagcttg 130440  
 ccaaaaagga atattaacgg gatacctctg catctctccc tggggatgta aagccagcca 130500  
 ggaggggagg cttgaggcca cagaaggcaa gctgagtatt aatggtgaca atactcttta 130560  
 tcatgggcta tgggggtaat tctggaggca ctaaacattc atcatctctt tcaactctct 130620  
 aggaaccagc taatctcttg gccaccttga ctctgaggag ctgatatctt tcaagtagat 130680  
 tggatgaat aagtcagta atgcggaatt gcaacatgcc aagtttcaaa aagagaatag 130740  
 tttctgtccc cctgttcccg aaggtgtgtt aagaatttat ccaatggctg atgaagttct 130800  
 gggagcacag caggatgaga aagcctggac tgacggcaga agagctcagc agggcaggtt 130860  
 caaaggactg acacagtgct ttaatgaagc gtctccctca ctggactctg ctggactctg 130920  
 ggggccaacag taatggccct ctgacattca ttttcaacca aggtgtagt gtgaatatat 130980  
 agattttaagg ggtgatcata ttggtagtaa ttgaataact tgtaggtctg cccctctcat 131040  
 ttccaggttg ttcaagggat tggttgtttt gccatgttgt ggtatataaa ttggccaagc 131100  
 ctggacatag tagctcatga ctgtaatccc agcactttgg gaggccgagc cgggtggtatc 131160  
 acctgaggtc agggagtcca gactagcctg gccaacatgg caaaacctct tctctagtaa 131220  
 aaatacaaaa attagccagg cttggtggct acctggagcc gttgcactgg gttgcaatag 131280  
 aggtcagagc aggaataatg ctgaaacctg ggaggcagag gttgcagtgg ttcgcaaatg 131340  
 tgcactgccc ctccagctgt ggcaatgaga tgaactctat tcccaaaata ataaataaa 131400  
 taataataat agggccaaca ttctttgaca ttcttctcat tggagatgg tggggtctgc 131460  
 atccccaccc ccacccccgc agtctgggtg ggctctgtga ctgcttgagg cagttagaat 131520  
 tgatggaaat tacagtgtgc cagtttccag gcccaagctt cagagagatg gcagcttcca 131580  
 ctctctgtct cttagaaaac aagccagcca tcatgtaag aatgcaggca 131640  
 cccagagdac accattctgt gagaagcctt aaagaatgag actccatatg gacagagagg 131700  
 ccaaggagcc tagaggtgcc agacacatga cagaagaagg cccagccccc ttcagctgat 131760

10071441.020702

gctacatggc cacagatagc ctgcccagtg aagcctttcc taaattcctg acctgcaaga 131820  
 gcatgaacaa aattaaatgg ctgttttaag ggttggtttt acagcagtag 131880  
 agagaaatgga aattgtctgga atgctcacc tccaacctgt cgtgctccgt 131940  
 aaagtgtatt gaattgagat ttttccaact ggaacctgtg ccagaaagga 132000  
 gggaatgtgt agaggaagga ctccagcata ctcttcgatt actcccacaa ccttcccctc 132060  
 agctctctca aggggtgctgt ggtgctgat gcccgcact ctgcatgttc cctctgcaca 132120  
 cccctcgcat caggactagt gcccttttgt taaacctca tctgtagtta ccactgtttt 132180  
 tggggccaca ccttttgtat ggtctgcagg aagaagggtt taccagaaaa gaacctgggt 132240  
 ttggcccaaa tgagctgaag agaggtcagg attttctaac caagaaattt gtgatttttt 132300  
 agatgtgcag gagggtgatt ctctgttgac cacaggaata catgttcaga aatattcttg 132360  
 cctgtccaca accttccaca gacaaaaaact ctcttaactc gggatgtggc ctgtgtgact 132420  
 ttctgtgcat taggtagggg aattccacat tcttttgtct cccaccacaa tctgtgaaga 132480  
 aaatttgttt tcttaagtca aacttttttc tcttacctac gacgtgtgca tggcagaagg 132540  
 aagaaacaga ggtacagaat aacttttttc tcttacctac gacgtgtgca tggcagaagg 132600  
 tgggggtaac agtcatctct ttggcaaaaga ggcctttgaa ggtctattct tccaggttta aactgagagc 132660  
 tccgtgaagc gttatgacct gaagtggagt aggtatttgc caggcacact agggagctgg 132720  
 toctattcac gtggctgctt ggcctttgaa ggtctattct tccaggttta aactgagagc 132780  
 agtctgaagg gttatgacct gaagtggagt aggtatttgc caggcacact agggagctgg 132840  
 gtatccaagg ttgttcaatt agggagcctt ggtctacact cagcctctgcg tccgtctctg 132900  
 atgctctgtg caggtctcagc tgtgtgtccc ttgctctcta taacaaagaa tggcctgtct 132960  
 gacacatctg gcatcttagt aaggggaaaca gatttgaggt tcttctttct ttacagcгаа 133020  
 ggtgagactc cgggttgagc aactggtaac tgtgatttgc aggtctgtcc acatggggcc 133080  
 agagctggca ctctgggtgc tactgtgac tcccttccct ccoctaggccc caggctatgc 133140  
 cccgtgagctt gctctgagccc agagaagtgc cactgcagaa caggtctcca taggtatctg 133200  
 gctgacacac cctgtacact ccaactgaca gaggctggg accacctccc cctgtagaag 133260  
 cctgtatgga cctgtatgac tgacagcagt gaggctggg ggcacctccc cccacctcag 133320  
 gttagcgcag agtgaggaca gaaagtcatg actctctcag gtgtgtcgag gcacagggca 133380  
 gggtctgtaa gaatccccc cctgcacagc agtctatgac tctcatgac tccagtgctt 133440  
 gacacctccc aactccccgc cctgcacagc agtctatgac tctcatgac tccagtgctt 133500  
 tgaggacagg aagaactttc ggttcttggg aagcccgggg cagaaggggc ctgagctgtc 133560  
 cacccgctgc atccctcagc acaacctcga catgcccgtt catccagtag ctccagtagt 133620  
 actcagtgta gtccccgttg ggcgtctcca gctgtatgta cccagctggat ctccgctcag 133680  
 tccagcagta ctctgcttgc tctgattctga cccgtggagc gagaacaggg aatcaggcca 133740  
 cagtcacgtc gtatgaatcc tgttctggag tttgtcacc ggtgcaagat aatcaggcca 133800  
 cctgagcctt tgttctggag tttgtcacc ggtgcaagat aatcaggcca 133860  
 cagggactac gttgaatgaa aagcacttaa aaaaacaggg ggtgcaagat aatcaggcca 133920  
 tctgtgctgt tcttagaagc agggagatgaa agtccccat gaaagatgtc ctcactatac 133980  
 caaaaggaaa gtaacctat tttoatcaa gttgggaagt tgaagcocoa ggaaactcat 134040  
 acaaaacagat ccttgaccaat gaacgttacc ctcccagatc acttcccctg ccagttacct 134100  
 gccctagccc agatccccat gccttatcac atctcacgat gattcat tca atgcagtatc 134160  
 taagggggat tgactctaac tgtcttcttg ggtcttcatc tttttaagag ggtcccatgt 134220  
 ccaogtcaaa cttgtattaa agaaatctgt aggtctttgc ccatgaatct gcttctatgc 134280  
 gattctcaga cctagctgaa atgggaagag gtggagtttt gctccacta cagttcatag 134340  
 agccaagatt cttcatgaac acctttaatg aactcctgaa ttcattttacc caagaaatgga 134400  
 actgaaggcc tgcccctgag aaggtcagtg gctacagacc aggcagggtga aagaatgga 134460  
 caaatctctg gccctcgctt tgagtagagc aggtcagggc aggtcagggc 134520  
 aggtcagggc caacgcctct tgactgcact tagctcaggg aggcaggatg 134580  
 aggtcagggc caacgcctct tgactgcact tagctcaggg aggcaggatg 134640  
 ggtatagcct ctgcaacctg gaggtgtgac ccaagtgggg tccgcagctg 134700  
 ggtatagcct ctgcaacctg gaggtgtgac ccaagtgggg tccgcagctg 134760  
 aatgactctg ggaagtgcag ggaagttaaca ccccttcacac cagcagggctc 134820  
 agtgaactcc aactctgcga cttgccagca gactggaggt caacccccag ctctttccat 134880  
 cagtaactcc tctctctttt gcatggatc gactgtctct taagtgaagt aaaaatggtga 134940  
 ggcttagata caggagactt aacagtgaag gactgtctct taagtgaagt aaaaatggtga 135000  
 ctgcatgggt atgcccagag gctctgcagc taagaagcac caccocagag 135060  
 ctggtggcag ggtgagctga gactgtctct taagaagcac caccocagag 135120  
 caggtgcccc aggcctctg gacaaggctg cctggccccc tccctccagc 135180  
 ccaggacaca gggcgctctg aggcacacag catagctctt ggtgggtttt 135240  
 gcaattgagt gcagacagca agttgggatg agagctctag caggtctcatc 135300  
 atgcccagca ggttttgaaa gcccccagct cgtatgcctc caaggtctga 135360  
 tttgagtggt agtctcact gtgtgtctcag gctggagtg tcaagtctcc aagtactgtg 135420  
 ctgcaacctc cacttccagg gttcaagtga tctctctgc

13071411.020702  
 13071411.020702

gactacagggc acctgccacc acatctcggtt aagttttgta ttttcagtag agacaggggt 135480  
 tcacaaagtgt ggccaggctg gtctcaaacct cotgacctca agtgatccac ctgcctcggg 135540  
 ctcccaaaagt gctggggatta caggcatagag ccaactgtgcc tgcccctcgt aaggcaacttt 135600  
 ctaagccagga ttcatcaaac cttagaacctt atcccttgagg gcagaaccta ggtttctcag 135660  
 catgatggcga aagtgggaagg ggcgaggggt atcatccttt cgtcgagcgc aggtatcccc 135720  
 attccatgcc ctgctctcaa gctgcgccaga ggacccctgg agggcttcct aagaggaagt 135780  
 ggaacttgag tgttttccac aaacctcctg gctctgaata ccgtgagcag ttgggggtgg 135840  
 ctgacgctga gccagacgc ttgtggtcag aaagcgggaag ctctcctcct gtgctctgta 135900  
 gtctagggcca gaggcctctag gaacagtttc tgatgacaga ggagccaggc ccatgttggtg 135960  
 ggtatgactg ttctgggctag agccacatgt ggacccagct cggccccagc acaatgcccc 136020  
 cactgcaggg aagatatacag cctcatctgc cctcctctag aaagccttcc tgcccacagt 136080  
 tgtcctcagg agagcagggc cacacacaaag gctcggccca tcatggacag ggtgggcagg 136140  
 ttctgatggg acaggagctc cagcatctca ggggctcggg ccccatctgga ggagcagagt 136200  
 gggggctgag tggccocagg ctggatacgc ctggggcctg ccccaagcca gggcctgcat 136260  
 gccacaggga ttacagagga ccttagctgc aggtttgtgag ccaagacaga gattctcgtat 136320  
 cccaccgagg agtcggcgga gggcagtgag ctggtgggag cctggtgggc ctctggggtct 136380  
 ggagctctga attcacatcc cagcttcagg caagttagctg gatggcctgg gcacatttgt 136440  
 tcaattctga aaagctgttt ttoacttacc caaaggagat acccttcact tcgacagacca 136500  
 ttgagaaaaa gaaatgacac catcctgggt ggctcctctt cctcagagag acaggccacc 136560  
 ggttgtgtgc atcagaacca cagtgcccc ttctgtaac cagggggttg ctgggaccca 136620  
 ggccccacac gcgctgtgag cttagcatggg cccctgcgtc acggccaact cgtgactaca 136680  
 tgtgcgaatc cgagtaactg gagcacactc gggaggagga aactgaacct gtgacctcaa 136740  
 actccttcac tcaaaagcca gaaggaaact ctgaaaaggct ggagacaggg ctgtgaggac 136800  
 agaggagagag tgggaggatc tctgaatgct ggtggggcag gcagagcagag tctgtgtggc 136860  
 gtgaggactg aggggcggcc accagaggcc ctgagtggtg ctgagtctag ctgctcgagg 136920  
 ggaagttagct ttcttatggc tctgaggggc tggagagggga ggaaggtgtc cccaggggat 136980  
 agatgcaggg aaagctgtgg ttgggttgga gtagctaaac ggagacctcc catgggagag 137040  
 aggtctccag taaccttgag taagagggga gggagatggg ctgaggagga attccaggac 137100  
 ttgggcaggc ccacagggag ggccccgatg ctacctgggg ctgacgaccc acacgaagag 137160  
 actgagcagc ttctctgagg gagtggacag ttgggtgacc ctacagcaca cctgtggctg 137220  
 agtcacaggg gaactgggaca ctctcgcccc cctgcctlac ctacacctgc agagacctgc 137280  
 tggagagccc gactgtttca cttggggtag aatcactagg gctctgcagt tggctggctc 137340  
 ctgccaatctg acagggaact ccacagcagg agggggccag tgaatatgat aagaggtgaa 137400  
 atggcgactg cagcccaact cctggtgctg gcttcaagcc gcttcaagcc aggtgatgg 137460  
 caagggggcag agggctccag ccttgaccaca actcaggagg taaaagacaa agctctatgg 137520  
 ctgtggttct aacatccag gggccaactaa tggaaagatg tggaaataag gctccttcc 137580  
 aggaaaaatc cagggtcaca ttgtctcaaac tgcaaaatct ctctcggaag ttgttggaac 137640  
 tacaatggcc accctctctc ctctctctg gcaccaagtac actgggctga ttgctatatt 137700  
 gtctatttgc ttgtgacact taaattctca ggtgacacac tgaattatgg tgggcaactat 137760  
 caacagtgga caccggccca caggccctca ggaagcactg ggccctggaa tggccgagcg 137820  
 agtgattatc ctgctttaca gatagaaact gaggctcaga gagcaatggt ggccctcaaga 137880  
 tcaagacctc cactctgtgtg atggccaagc ccaggttctc ccccaaggca ctgggttgtta 137940  
 catcttgaga aaagccctga accggaaagt agaaggccca gctttgagcc ctgggttgtta 138000  
 ccttgatgag agtgtaaaag ggcaatgtgg agtgagctgg aaagcagggg aaaagcttca 138060  
 taagagggtg tttcaggcag ctctttagggg ctgacagagt ttcagagagg agatgagtag 138120  
 gaggtgtggc attgggtagca catcttcagat gtggggaaact gggagggcag ggtccccggg 138180  
 gattctaacac gtgggagagg gaaggctgga cacagtttct cgggtggcg ctggtggcg 138240  
 tgggtgttga gatgtcggag agaaaacagg gaaacctgca actcacggcg ctcatgttcc 138300  
 agggggccac ttgtctgatt ttgtctgttg cttttaactt ttatttgtag atgtagtatt 138360  
 aaagcttttg aatatattcg caaagagtoa gtgtgtcagt ttcatgtga cgtttctatc 138420  
 agcatatttg gaaagtttcg atctgtcttt catcagatct ctgctgttgc tgggcagagg 138480  
 agacggatct ctctgcggaa gcaaggatgt gtgccccacc cccagactac ccatcttggg 138540  
 ggaggactcaa tgaggagctg tgggagggag aagctgtaga gcagagagga agattggggg 138600  
 ccgagacaaa cagagactgc ggtagagaga atggggaggct atgggggaaga ctgaggagaa 138660  
 acaaggagcg gagagaggga ttggggtagt ggaataggag accaagggccc agagaagggg 138720  
 gaaaattggtg gacagagagc cggagattga gggagcagag agggggctgc tagagaggtg 138780  
 ctggaagaca gagtgttagag gaaaattcag agcaaaaaag aagggaagat tgtagggtag 138840  
 agagcagaaa ttaggggcat ttagggaact ggagcagagg gaaggaagag aggcagagag 138900  
 agggggcgca atgtagggaa aagatggctc agagggggag actgggagat gagagacgga 138960  
 ttgaggtcga taccaaagaa atatttatgc tccactaata cactgccatt cacaagaagg 139020  
 aggtattcta gaatttaatt ttcatgaatg taagaatact cactgactta agaagcatga 139080

10071441.020702

atcattataa	cactttttcta	cactttgttga	acatatttcaa	gtatcatata	ttaaacacca	139140
cgotattgcc	cttagcttttc	ttaaaagtac	cagcacagaa	tgaatggggc	caactaagat	139200
ttctcagaaa	tcttcagatc	tggttacagtt	atcgatccg	atctgaatta	ctttaaattt	139260
acagagttaa	agaaaataat	caacttggtta	aatttgccca	gacttggggt	agccctctgga	139320
aacaggggca	ttctgtgtag	gatcccggt	ttctccagca	gacagtgaag	agccaaaggaa	139380
gacacaaaccg	ttttatagat	aatccccact	gcgaaggact	tgattccccg	tcctgactga	139440
atcactatctg	ggaactctga	tgagaataac	aagggaacctg	tgactcaact	tatcaaggaa	139500
aaaaatcagtc	ctgtccattca	tttgactgaa	ctatgccctg	gaggaggggg	gtgttgacct	139560
gccaaataact	tggaatgat	taaatttgtt	ggaaataacct	ttattgttat	tgttatcggt	139620
actactgttta	acaatacatt	ttttaaacact	tttccctgta	aaatgggata	acctgtgtct	139680
ctcagcaagt	acttctctga	gggtttctct	tttaacctta	cccaaaaagg	atgattgtct	139740
ttacagatcac	caagctggga	gaatgaggaa	gtagtctctg	gctgggcaag	agaaagtgtt	139800
gagtaacttt	gcatacaacg	gaactttctc	aaaagctgat	tttttcaagg	aaactttcag	139860
ctttagctgg	ttccccaccc	tgccgtagcc	ccacccccca	acaccccccc	gccccacccc	139920
tgcattatag	ccctctcaac	ccaatggaaa	tgtgacatgc	aaatctctct	tgaattttgc	139980
ccctgggatt	ccggtctgag	tggttaatta	taagtgtcatt	tgaaatgact	ctgaaggtag	140040
gggaagacagc	accggagagag	ggagatagtc	gacaaaacag	tgccctcact	cttggctcga	140100
agagcccgct	attggccacgt	tatcatgtcc	cctgocaggag	gaaagcacac	acggggtgcc	140160
cgtgtctgtc	agtgtgagca	caccaatggc	ctgtgtctct	agaaaccttat	gatgtgtgga	140220
ggagaattggg	gaggaggaag	cacttacaac	ggggaagtga	cctgtaccct	gtccttctcc	140280
ccagagtgtg	gggaatccat	gaaataatgg	aagtaaatga	aggtgcgtca	gaaatggcag	140340
agggtgccat	caccctaaat	ggagcacaca	ttactccag	ggcaccgcag	tcctcagggt	140400
cagttcccg	aotggggcaa	ctaaggcaat	gaaggtgtct	ctgtactaca	acaccttaact	140460
cttcttgaag	ggaactccag	ccaggatgct	agtgaacttg	gctgagggcc	atgtcgtgct	140520
acagcgaggcg	tatgggctct	tggaataggaa	tgagcccat	ggagagctctg	gaatccagaa	140580
aaagagttagt	ttttacttac	tttaggtctct	gcacacctaa	aacacaaatt	ttatccaaga	140640
gtaactcagt	gaaactcaga	cttgcgggtt	attatgagca	attatcacaag	cttgaggtag	140700
gtttgatact	ataataaact	aaatggtgag	ggtaaaagct	aaactctttt	140760	
ggtccatttga	ggagctgtggg	tggggtggaa	gggaactgat	acctctgcg	caactgcagt	140820
atgtctggga	ctattaccag	ctattacgct	agccctctct	ctgtgccagg	tactggatta	140880
ggcaacttc	taaaagctca	gtgagaaact	cgacctgcc	atgctcatgg	aaagagctcg	140940
tggggctgga	attcaggtcc	agatcagcat	taggaactag	cttccaaatg	ctgagggtcc	141000
cctcgctgctc	tcacacactag	cgtggaaagt	ttccctgggt	tacattctgc	tgggaggagg	141060
tgacagccct	ccatttagga	aaagcctctc	ctggcctggg	ttctgttctg	tcctcttaat	141120
ttcctctggg	gactgtcctg	agaatgttaag	ctgccacagt	gcgctctgag	ccaccagatg	141180
ggcctctggct	caccocatgac	tcagtggacca	gactgaagcc	aacctccat	tttcactgtg	141240
ggaaactcagc	gcccagacag	acggttagagt	gagctgggtg	ctatgtctcg	acagaactca	141300
ggcctctgga	cccgctgacg	tgcaaccttc	cccacggctc	acagctggct	ctcgagggt	141360
gccctcagag	ttctgtgagc	atgaactc	tgccctctcc	tcctctgtcg	acctgcagaa	141420
ggagcctaag	gaagaggttg	cacaagaatac	gcggcccgct	gaagggggct	ccggagccctc	141480
ggagcccgga	ttctgaagtg	gaggggaaac	cttgggctct	ctcctccacg	ggaagacgct	141540
ttgcaggcg	cacgcgggaa	gtctccgttt	ccgacagggg	tcgcgggcgc	cgcgagggtg	141600
cttggagcgt	tgcccacacg	ggtaccaccc	ggccactggg	agcccgaggc	acgccccacc	141660
gcagttctgc	ctccctctgac	agggtcctg	acacccccag	ctctgtcccg	gcgcgcccca	141720
cggggccctgc	gcgcgcccg	ccaggcctct	gcggtccaaa	ccggtccgag	gacgcacctc	141780
agcccgctgc	ccacccgtgc	cccgcgccgc	ctcaccgcgc	cacgctcgaa	gtcgtgtgat	141840
aaggctctgtg	ccagcagcgc	cttctcgctg	cagcccgccg	cagcccgagc	gctgaggtag	141900
atgtagctgt	cagtgctctc	accacggggg	gaagtacggt	cnnnnnnnnn	nnnnnnnnnn	141960
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	142020
nnnnnnnnnn	nnnnnnnnnn	nnnttttggg	ttgttgtgtg	ctcttggttt	ttcgagagcg	142080
ttctctccgc	ccgtgtgtgaa	gacaagtggg	cgccctggcc	tgcccatcc	atctcggagg	142140
tgaggagtgc	ctctgcccg	ccaccccgct	tggaagtga	ggagcgtgtc	taccagacca	142200
ccctgctctg	gaggtggagg	gcgctctctg	ctggcccgcc	catctgggaa	gtgaggagcg	142260
oatcatctg	gccacccct	ctgggaagtg	aggagtgcct	ctgcccgcct	gccaccggcg	142320
ctcgaggagc	aggagacact	ctgcccggcc	accaccccat	ctgagagcca	aggacacact	142380
ctgcctggcc	gccatcctgt	ctgggaggcg	aggagcacct	ctgcccagct	gcgcgcccaac	142440
ctaggaggtg	aggagcgccct	ctggccagcc	gcccacacct	ggaggcgagc	agcgccctctg	142500
cctgcccgc	ccatctggga	ggtgaggagc	gcctctgccc	agccacaccc	ccatctggga	142560
gagtaggagc	gtctctgcc	ggccgccccg	cttgggaagt	gtacccacaa	gctccgaaga	142620
actagcgacc	attgagacag	ggccatgat	acgatggcg	tttgtccaa	agaagaaagg	142680
ggaaatgtgg	ggaaaagaaa	gagagatcag	attgttactg	tgtctgtgta	gaaagaaagt	142740

20071411.020702

gacataggag acacccatttt gtctgtact aagaaaaatt cttctgctt gggatgctgt 142800  
 ttaatgatcaa ccttaccccc aacccctgtc tctgtgaac atgtgctgtg tcaactcagg 142860  
 gttaaatgga ttaaggggtg tgcaagatgt gctttgttaa acagatgctt gaaggcagca 142920  
 cgctcattaa gagtcatcac cactccctaa tctcaagta ctaggacgtt aaacactgct 142980  
 gaaggctgca gggacctctg cctaggaaaa ctaggacgtt ttgttcacgt gtttatctgc 143040  
 tgacctcttc tccactatta tactatgact ctgccacatc cccctctctg tgaatacacc 143100  
 aagaatgatc aataaataat aaaaaaaca attaataat taaataatg tcaatggaa 143160  
 ccaaaaaaga gctcgtcatt ccaagtcaat cttaagccaa aggaacaaag ctggaggcat 143220  
 cacactacct gacttcaaac tatactacaa ggctacagta accaaaaag cactgtactg 143280  
 gtaccaaaac agaggtatag accaatggaa cagacacagag ccttcagtaa taatgccaca 143340  
 tatgtacaaa tactctgtct ttgacaaaac ttgacaaaac aagaatggag gaaggattc 143400  
 cctatttcat aaatgggtgt gggaaaaact gctagccaat aaatgggtgt gggaaaaact 143460  
 gctagccata ttgtagaagc tgaaactgga tcccttctct acatcttata caaaaattaa 143520  
 ttcaagatgg attaaagact tacatgttag acctaaaaac ataaaaaacc tagaagaaaa 143580  
 cctaggcaat accattcagg acataggcat gggcaaggac ttcatgctta aaacacccaa 143640  
 agcaatggca atgaatcaga aaattgacaa atgggatcta attaaactaa agagcttctg 143700  
 cacagcaaaa gaaactacca tcagagttaa caggcaaccc acagaatggg agaaaatttt 143760  
 tgcaactctc tcatctgaca aagggtctaa atccagacta tacaatgaac tcaaacaaat 143820  
 ttacaagaaa aaaaacacaa acccatcaa aatgtgggct aaggaaaaag acagacactt 143880  
 ctcaaaagaa ggcatttatg cagccaaaag acacatgaaa aaatgctcat catcactggc 143940  
 catcagagaa atgcaaatca aaacacaaat gagatcacct ctccacacag cttagaattgt 144000  
 gatcgttaaa aagtcaggaa acaacagggt ctggagagga tatggagaaa taggaatact 144060  
 tttacactgt tgggtgggact gtaaaccttg tcaaccattg tggaagttag tgtggcgatt 144120  
 cctcagggat ctagaactag aaataccatt tgaccacaga atccctattc tgggtatata 144180  
 cccaactgat attaaactcat gctgctataa agacacatgc acacataatg ttaattgtgc 144240  
 actattacca agagcaaaaga cttggaacca acccaaatgt ccaacaatagt tagactggat 144300  
 taagaaaaat tggcacttat acaccatgga atacaagca atcacaataa agatgatgt 144360  
 catgtccttt gttaggacat ggatgaagct agaaaccatc atcttcagca aactattgca 144420  
 aggcataaaa ctgaaacact ccatgttctc actcataggt gggaaattgaa caatgagaac 144480  
 acatggacac aggaagggga acatcacaca ctggagcctg ctgtggggtg ggggggtgg 144540  
 cgaaggatag cattaggaga tatacctaat gctaaatgac ctgtgacatg ggtttaaagg gtgcagcaca 144600  
 ccaacatggc acatgtatac atatgtaact aaactgcat tttgtgacat ttgtgacat gtacccctaa 144660  
 acttaaaagta taataataaa aaaataagct tataaaatgc tttaactttt attaactttt 144720  
 ataactcga aagaataata gatttgtatt atgctgtcag tttagtgatt tttagtgatt 144780  
 taacattaaa cacaaataacc accatttata aagtatgatt ttgttttctc tttagaccat 144840  
 ttttaccoc ctaactctga gatagtaact ttgttttctc atttgaccat tttagaccat 144900  
 tagagacat gctctctctc caaatgact gtaggttcat ccaagtatgt ttgctaccga 144960  
 aaatcaatga aacacagcta caactatgct tttctaggaa taaggccagc taatctgaca 145020  
 ctatttctaa ggaacaagaa gagggcaggt aagaatttga ttatggcaga atctctacca 145080  
 taactcaata ctgttttcta ttttttctc atgttctcgg gtggttcta cctgactttc 145140  
 atcatttcca atgattctgt tttgtttgt ttataaattt caaaatcatc atgaaaaagt 145200  
 tcaactgaat aaaaactgga aattgggaaa taaaactttt tctgcaaaaa aaaaaaaaca 145260  
 atgaacactg actctctcta tttctcaaag tcatctcaaa gccatagtag gattaccaca 145320  
 aaactgcagg tgagaaaaat ctttgcagat taagaagtgc catgcaaat agttgatgt 145380  
 attataata gtctcaggga ttcaaaatgc aatctaacac aatctaacac ttcaaaggaa 145440  
 agcattattt ttcattctat ttacaaagta caactccctc ctccccaca tcttgttata 145500  
 gaactggac cctgaagtta aggagccaag attcaaatcc cagctcatc actatagct 145560  
 atgtgatatt ggaagtgtta cttgatccct gcttatctta cttctgcact tatattaagt 145620  
 gggatgagaa taattactca ccaaataagg tgcccaatgc atgtcccaag agcatgaagc 145680  
 ccaataaagg ttagttaaca toacatccat aattgacacc ttaggtgatt agattttcat 145740  
 catccagaaa caatttccct ctttaagcct tttctttctc aagtgccatt tctctggata 145800  
 ctgattgac tctcacaaa cttgaaactg tcaaacacac aagatgccat tagggagaca 145860  
 ttggaactgt ggttctcttc tctgtaaaac tgagtataga cagtcaactc caaggctgt 145920  
 tgtaagaatg aatgagctga agtatgtaaa atactcttag acagagtgtc taagaataa 145980  
 ttagtctctc ccaagctgtg tggctcagc atgcaatgag agcacttagg gaggccaagg 146040  
 caggcgctgc atctggggtc gaggattcaa gaccacctg tcaactatgt gaaccccgt 146100  
 ctctactaaa aatacaaaaa ttgaccagcg gtgcatgtaa tcccgactac 146160  
 tccagactga gagacaggag aatcacttga accagagag gtgaggtgtc agtgagcca 146220  
 gatcgtgccaa ttgcaactca cctggggcaa caagagtga actctgtctc aaaaaaaaa 146280  
 aaaaaaaaaa gaagaagaag aagaagaag gagagagaa aagaagaaga 146340  
 gaagaagaag aagaagaaga gaaagaaga aagaagaaga aagaagaaga 146400

1007441.020702



aaagagacag aaagaaaagaa gggaagaaaag aaagaaaagaa agaaaagaaa aaagaaaagaa 146460  
 agaaaagaaa aaagaaaagaa agaaaagaaa agaaaagaaa agaaaagaaa agaaaagaaa 146520  
 agaaaagaaa aaagaaaagaa aaagaaaagaa aaagaaaagaa aaagaaaagaa aaagaaaagaa 146580  
 agaaaagaaa aaagaaaagaa aaagaaaagaa aaagaaaagaa aaagaaaagaa aaagaaaagaa 146640  
 gtggggatata catgtataaa gatgtataaa gatgtataaa gatgtataaa gatgtataaa 146700  
 ctctagtggg agacacaggg cgcacacagg cgcacacagg cgcacacagg cgcacacagg 146760  
 agtgcaatta gctcccccga gcatataagg gcatataagg gcatataagg gcatataagg 146820  
 agaatacaga tagaccttga tagaccttga tagaccttga tagaccttga tagaccttga 146880  
 ttatcgctgt tcagtttaga gttaggttgc gttaggttgc gttaggttgc gttaggttgc 146940  
 caatgtcaga cgggtttcaa gatgtatgta gatgtatgta gatgtatgta gatgtatgta 147000  
 attgagtcca cactaatcac aaatacatca aaatacatca aaatacatca aaatacatca 147060  
 ttgaagtgtt tttttccact tagtcaagaa tagtcaagaa tagtcaagaa tagtcaagaa 147120  
 ctcaagtcaa cagagttagt gaactgagcc gaactgagcc gaactgagcc gaactgagcc 147180  
 tgccatggaa agatagcatt ggctgccctg ggctgccctg ggctgccctg ggctgccctg 147240  
 gggaaaagaa ccaagaggca aaagcctggt aaagcctggt aaagcctggt aaagcctggt 147300  
 attagggaaa attggaacct gagggaaaata gagggaaaata gagggaaaata gagggaaaata 147360  
 ctctactca tgtgggaact aaaaacatgc aaaaacatgc aaaaacatgc aaaaacatgc 147420  
 gagactggga acagtgttgg gtgggggtgt gtgggggtgt gtgggggtgt gtgggggtgt 147480  
 atagtttaga agaatgtata agttctaatg agttctaatg agttctaatg agttctaatg 147540  
 acagttaata attgtatact ccaaaatagc ccaaaatagc ccaaaatagc ccaaaatagc 147600  
 catagaaatg acaaaagcct gaggttaatt gaggttaatt gaggttaatt gaggttaatt 147660  
 acagtctatg cgtgtcaaga aatacaccata aatacaccata aatacaccata aatacaccata 147720  
 atcaataaaa atttttaaaa agaagctgca agaagctgca agaagctgca agaagctgca 147780  
 catctctaca agattacaga gacatcttaa gacatcttaa gacatcttaa gacatcttaa 147840  
 ggatgaaaca aactgaaact aaacaaggag aaacaaggag aaacaaggag aaacaaggag 147900  
 taaggaaaag tctgttaggg ctatgagctt ctatgagctt ctatgagctt ctatgagctt 147960  
 gaggcttgac aattgatttc ttattctctc ttattctctc ttattctctc ttattctctc 148020  
 ctgttttagt ctcaggtgta gacagggtct gacagggtct gacagggtct gacagggtct 148080  
 agaaaactga ataggctata aatgtttgaa aatgtttgaa aatgtttgaa aatgtttgaa 148140  
 ataccctctg ggggaaagtg agaagtagat agaagtagat agaagtagat agaagtagat 148200  
 gcatattttt gctctctgta tgccacaagt tgccacaagt tgccacaagt tgccacaagt 148260  
 cagctgggctt cagctgggag ttgctctctt ttgctctctt ttgctctctt ttgctctctt 148320  
 tccatctagg gaacttaggg ttctcatgca ttctcatgca ttctcatgca ttctcatgca 148380  
 gccacacaca aaaaacatga ttctcatgca ttctcatgca ttctcatgca ttctcatgca 148440  
 ctactaggat acattttacg ctgcttttct ctgcttttct ctgcttttct ctgcttttct 148500  
 ataaaacata gtccctggcc tcagtttagct tcagtttagct tcagtttagct tcagtttagct 148560  
 caaatactgg tgggacaagt gacgatgggc gacgatgggc gacgatgggc gacgatgggc 148620  
 agctcaagaa agggacaact cactctgcct cactctgcct cactctgcct cactctgcct 148680  
 gcaacatttg tgcaggagga gattagaaca gattagaaca gattagaaca gattagaaca 148740  
 aagggaaagga aatgtgccaa gatgttcagg gatgttcagg gatgttcagg gatgttcagg 148800  
 accatggttg aagctcttca cagtggctga cagtggctga cagtggctga cagtggctga 148860  
 aacttggtca ggtgtagta ctcaactatt ctcaactatt ctcaactatt ctcaactatt 148920  
 aagggtattt tctgtcgcaa ttcaactcta ttcaactcta ttcaactcta ttcaactcta 148980  
 ttctgtacta tctgtgtaa cctgattccac cctgattccac cctgattccac cctgattccac 149040  
 gtgtttctct ctacatctag ggcttgggaa ggcttgggaa ggcttgggaa ggcttgggaa 149100  
 caagaaaata caaatcaat cagaacttcc cagaacttcc cagaacttcc cagaacttcc 149160  
 caaccagtat gtctccactt ttatctgctt ttatctgctt ttatctgctt ttatctgctt 149220  
 tcaacttcca ggtgtgggaa atcaattatg atcaattatg atcaattatg atcaattatg 149280  
 gagctctgca gacattctcg agagtataac agagtataac agagtataac agagtataac 149340  
 aaaaaataaa aatgttagag tatttgaaat tttgttaagg tttgttaagg tttgttaagg 149400  
 tccaaagaaag ctacacaatt cctccctctc cctccctctc cctccctctc cctccctctc 149460  
 gtgtttaaagt cgtgtcaagg gttgcagcca gttgcagcca gttgcagcca gttgcagcca 149520  
 gcagactacc agcatattcc aagccatctc aagccatctc aagccatctc aagccatctc 149580  
 agaaagtttg actgagattc actgagattc actgagattc actgagattc actgagattc 149640  
 taagtcttat cccagtgccc acggggcaag acggggcaag acggggcaag acggggcaag 149700  
 acactcatag ggcagagatt ccatgggagg ccatgggagg ccatgggagg ccatgggagg 149760  
 aaacagaaat tactgcccac cccagtaacc cccagtaacc cccagtaacc cccagtaacc 149820  
 aagcatgaca ctgtccccaa aaccactcgc aaccactcgc aaccactcgc aaccactcgc 149880  
 cttagaggacc tgccatgagg gagaagttag ccatagaagg ccatagaagg ccatagaagg ccatagaagg 149940

1007444.020702  
 1007444.020702

aaagggacaa acctttatttg caacagaaac tgcggaagtt caagcctaag ggcactgtca 150120  
 aaaaacaatga atatttttgg gtaagacaaat atggcgactt agtgagagca 150180  
 acaaacctaaa ccataaacca gctagacata taccataaaa atccagaaaa gagagagcca 150240  
 agaagggocct tccttgaggtt aaaaacaaaca tcaaaagtctt gctctgaaaa ctgctcctcg 150300  
 aaaggagca caaatatattt ggatcagact ttatgccccct tctgccccct aaaaagctgt 150360  
 caaaacccaaa agagacaatta tctagcaatt gctggaggtt aacagttggg tctgatccaa 150420  
 aaagaggcaa acaactgcac agatcacaga aagaggcagt caaagagagc actgtctaaa 150480  
 gcactgtaat tccaatttga gagaaaaatgt gcccagtgct gtgactccgc cagggaacaac 150540  
 atcagagccc acaaatatgt ttggaatatag gcttccactat atagtctagc caggcaatta 150600  
 aacaaaataaa caattaaaaca acagtaaacat agtgaggggg gcagaaatga gatttgcaac 150660  
 tagctagaac atatttttga acaaaaaaat tatgagtc aaagagatat ggaaagagca 150720  
 ggcccataga ccagaaaaaa ggtaagcaag agaaaactgoc tttgtgagtg ccaagatgtc 150780  
 agacatagca gaaaaaaaac ctcaaaagtaa ttattataaa tatgttcaaa aactaaaaaa 150840  
 aaatgtgctt aaaaaataaa agatggatgt ataatttctt taatgttcaaa aactaacaa 150900  
 atagattaaa caaatattttt tcaaaaagttt attaacaaaa tggaaaattct ggggtttaaa 150960  
 agtaaaaaaa aaactaatag aacatttttg tagaggaatt gaacaattct ttgtaccag 151020  
 aaggaaaaat gtccaataaa acagggtatt catcaacacc aaactcgtct tacaagaaa 151080  
 aaagagagga ttccaactgc aaagaagaaga cattaacaag caacaggaaa tctactgaa 151140  
 gtacaaaact cactgtacct tcagatgata ataagtcctc aaaaacagca gaatatata 151200  
 aacactgtat ttgtgttgct aagctactta tatcaagt aagaagagca aaagatgaa 151260  
 tgattaaaaa acaattacaa cagcttttca agacagtata ataagatata taaataaac 151320  
 aaagcttaaa agcatataaa taaagttaa atgtagaggt ttgtttcat cagcataaaa 151380  
 ttgatgtgt attattttat tcatagtac ctaaaattta aaaaacataa atgtataac 151440  
 taagatagta ttgtcaagcc ttataacata ttaaacataa aataacttcc actaaaaagg 151500  
 aaaaagtgaa gagcaagaaa ttataacata gatcacaaaa caaccagaaa ataaataaca 151560  
 agacaggaag gatcaaaaga ttggagagaa ataatattga atgtaaatgt actatactc 151620  
 aaatggcagg caagtcccta ttgtcaata atgtataatga atgtataatgat gatctgtac 151680  
 ctacgtaaaaa tgcacagagt ggttgaatgg attaaaaaaa aggacccaat gatctgtac 151740  
 ccagaagaaa taaactcac ttataacaat acacagcata aaaaataaag tatctggaa 151800  
 gatacttcac gacaatgaa accaaaaaag aacaggagta gctataacct tacaagacta 151860  
 aatagattt aagacaaaaa ttgttaagaa aaacaaata atgtactatc ataatgata 151920  
 agagatcagt taagcaagag gatgtacaa ttgtaaatat atatgactc ataatggag 151980  
 cacctagata aatataacaa agctaaagaa agtagagacc atgtagagcc cctcccccac 152040  
 aacataataa gctgtagatt tcaatgcagc actttcagca ttggacagat ctccagaca 152100  
 gaaatcacg aaggaaaact cagatgtaac ctgaactata gaccaaatag gcctataag 152160  
 tatttacaga atattttatc caaagggtac agaagacaca atgtctcaaa cattcaaaa 152220  
 atcatttca atctcaagcc atataattag tcatgaatca agtctcaaaa cattcaaaa 152280  
 aactgaaata atctcagcc tottctttga ccacaaatgga ataaaaactag aacacataa 152340  
 caaggggaa ttgtgaaact atacaaaac atggaataa aacaatattt tctcaaatga 152400  
 taagtgggtc aatgaagaaa ttatgaattg aattgaaaat ttctataata caaatgaca 152460  
 tggaaacata atgcaccaga acctatggga tacaacaaaa cgagtaccaa gagtgatat 152520  
 tccagataag ggccctacat aaaaaggga agtgaataac ctgatatgac agaaaagac 152580  
 atcttaaaag attaaaaagg caaagataa ccaaacccaa aattagtaga agaaaagac 152640  
 taataaagat caacagtga atataaaaa ttggactctc gctccaagat ggcctaatag 152700  
 aaacagctcc aactctcagc tcccagcagc attggcagag agatgtgggt atctctgat 152760  
 tccaactga ggtaccaggt tcatctcatt gggactggtt ggacaatgga tgcagccat 152820  
 ggaggtgtag gtgaagcag gtgagagtc acctcaccc gggaagcaga ttgtgtggg 152880  
 gatttccct tcttagccaa gggagccgt gacagactgt acctggaaaa ctggttacc 152940  
 cccaccaaa tactgtgct ttcccatagt cttagcaacc cgcagagcag gagattctc 153000  
 cccaagcta gctcattcag tcccatgcc acggagcctg gctcactgtc agcacagca 153060  
 tctgagatca acctgcaggg ctgcagctgg ggtgtgcagc ggtgtgcagc cattctgag 153120  
 gactgagtag gtaaacaaag tggccaggaa gctcaaaact ggcagagccc accgcagct 153180  
 agcaaggcct actgcctcta tagattccac ctctgtgggc agggcataac ccaacaaa 153240  
 gcagcagaca acctctgcag atttaaacgt cctgcctga cagctctgaa gagagcagt 153300  
 gttgcccag catggatctg gagctctgag aacagacaga ctgctcctc aagtgggtc 153360  
 ctaaaactca tgtagctcaa ctgggagaca ttccccca ggggcccaga gacacctat 153420  
 acagggtggt gccactctg gacaaaagctc tcagaggaa gatcaggaa caattattg 153480  
 tcttctgcaa tatttctgt tctgcagcct ctctgtgtga taccagagc aacagagct 153540  
 ggaatggacc tccagcaac tccagcagc ctgcagctga gggacctgac tgtagaagg 153600  
 aaaaactaaa aacaaaaag aatagatca acatcaaaa aaggagcata cacaccaaa 153660  
 cctcatctgt agtcaccaat atcaagacc aaaggtagat aaaccacaa agatggggag 153720

aaaccagagc agaaaagctc aaaattctaa aaactgagca ccgcttctcc ccagaggat 153780  
 tgcaactcct caccggcaac ggaatgaagc atgactttga atgactttga caagttggca 153840  
 gaagtatgct tcagagggtc tgaataaaca aactactcca aactaaaagg gcatgtctca 153900  
 acccatttga aggaagctaa aaaaaccttca aaaaagggtta gacaaaatggc taactagat 153960  
 aaacagtcta gagagggaact taaatgacct gatggagctg attaatcaa ttgagagaaa 154020  
 tcatgatcta tgcacaagct taaatagctg agaagataag gtggaagaaa gaataatcagt 154080  
 gactgaagat caaattaaca aaataaagca attagagaaa aaagagataaa 154140  
 aagaaatgaa aagcacctcc aagaataatg ggagctatgtg aaaaaaccaa atctcacactt 154200  
 gatgtgtgta cctgaaagtgt atgggggagaa ttggaaaaca cctcttcagaa 154260  
 tactatccag gagaacctcc ccaaactagc aagcgaggcg aacattcaaa ttcaagaaa 154320  
 accgagaaca ccacaaaagt attcctcaag aagagcaacc ccaagacaca taattgtcag 154380  
 ctctcaccag gtgtaaatga agggaaaaaa tgttaagggg agccagagag aaacctgtgg 154440  
 ttaccacaac aggggaagccc atcagactaa aagtatgctc atcagcagag acctgtgaag 154500  
 ccagaagaga gtaggggctc atattcaaca tctctaaaga aataaatttt tttagacaga 154560  
 tttcatatcc agccaaacta agctctcaaa gtgaaggaga aataaaatcc tttagagaaa 154620  
 gactgaacat ggaaggaagc aactgttacc ggccctgcctt acaagagctc ctgaaggaaa 154680  
 caccctcgat gagatgttga aactgcaaca attaactggc aaaaacagcc acattgtaaa 154740  
 taatgacagg atcaagtttca cacataacaa tattaaacct aaatgtaaaat ggtcagacga 154800  
 cctcaattaa agacacagac ttggcaaatgt catagagtca agagccatca atgtgtcggtta 154860  
 ttacaggagag ccactctcaca tgcacaagaca cacataggga tggaggagaa tcccaacagg 154920  
 aaatggaaag ccaaaaaaaa aaaaaaaa aaaaaggaga ggggtgtcaa tcttagtctc 154980  
 tgataaaaaa gagttttaaac caacaaagat aagaagaaca aactatccta aatatagatg 155040  
 ggttaaggga tcaatcacaa agcaagtctgt tagagagcta caaagagatg tagacttcca 155100  
 ccagagaccc agattcttaa atcactcatca tagagagcta caaagagatg taactgtcca 155160  
 caaatataa atgtggagact ttaacactcc actgtcaata tttagacagat caatgacaaa 155220  
 gaggggtgac aagatattcc aggacttgaa tttagctatt cccaagatgg caatgaataga 155280  
 catctacaga aacttacacc ccaaatcaac agaattgata tcttctcag caccacatac 155340  
 tacttttct acatttgacc acataaagg aagtaaaaaa ctctctcaga aatgtaaaag 155400  
 aacgaaatc acaacaaact acataaaact ctacagtcca aacaaaatag aactgtgat 155460  
 taataaaact cactatgaaa cactaaactc atggaagcga aataaagatg ttctttgcaa tctgtgtga 155520  
 caaagacaca atacacagca ttctccggga gaaagaaact ggaagaaact caaatacaca cagggaatag 155580  
 tatagacta aatgccaca agagaaagca ggaagaaact aaaaatcaaa caactaacatc 155640  
 gcaattaaaa gaactagaga agcaagagca aacacattca aaagttagca gaaggcaaga 155700  
 aataactaag atcagacag aactgaagga gatagagaca caaaaagcag cctgaagaaa 155760  
 caaatgaatc caggagctgg tttttaaaaa gatcaacaaa attaatagac cgctagcaag 155820  
 aataataaag aaaagagaga agaatacaat tagactcaat aaaaaaagat aaagggtaga 155880  
 tcaccactga tcccatagca atacaaacta ccatcagaga atactataaa cactcttaca 155940  
 taataaaact agaaaatcta gaagaagggg gaggagcaca gatggccaaa taggaacagc 156000  
 tccagctctac agctcccagc gtgagtgaac cagaagacgg gtgatttctg cacttcacac 156060  
 tgaggtaccc ggttcactct actaggggat gccagacagt gggcgacagt cagtgggtgc 156120  
 gcgcactgtg tgcagagcaa tgcaggggtg ggcgttgctt cactcggtat atggcagctc 156180  
 tcagagagtt ccctttctca gtcaataact cacttttcca acgggcttaa atggcggcg 156240  
 tcaactccac ctgtaactgt gaggttctca tgcacacgga gtcttgctga ttgctgacac 156300  
 tatatccccc acctgtgctg caagcgacgc gggagcgtgg gggagcgtgg cctgcgattt 156360  
 agcagctctga gatacaactg cctctgttag caaagcagct ggggacactca aactgggtgg 156420  
 cccagctgtg cttaggtcaa cctctgttag cctcactctc atccactctc agcagggcaaa 156480  
 agctcaagga ggctctgctg ctgcagaact tctgagaagc gatcagagc ctctcaaga 156540  
 caaaaagaca cgagtaacca cagctggaga taactggag ccatcccca gacaggttgc 156600  
 cgagtgtgtc tccagcagc ccgagcagcc gagactcca cagactgca cctgaggttc 156660  
 ggggtccctga cccctgacc ccgagcagcc ggaactccaa cagactgca cctgctgtga 156720  
 actgacacct cacacagccc ggaactccaa cagactgca cctgctgtga catcaccatc 156780  
 gaaggaaaac taacaaagc aaggacatcc aaggacatcc aaggacatcc agaaaacta 156840  
 atcaagacac aaaaagtatg aaaaaccaca agatggggaa atgcagttcc tcaccagaaa 156900  
 gaaaactctaa aaggcagaag cctctctctc atccaaagga atgcagttcc tcaccagaaa 156960  
 ttggaacaaag ctggagacagg aatgactttg acgagcttag agaagaagc tttagatgat 157020  
 caaattactc cgaactcagg gaggacattc caaagaaggt caaagaagtt gaaaaagctt 157080  
 aaaaatttta gaagaattga taactagaat aaccaatac gagaagtgtc taaaggagct 157140  
 gtggagctgt aaaaaccagg ctgcgaact acgtgaagc atgtgaagc atgtgaagc 157200  
 ctgggaagaa gggatatcag gatggaagat gaaatgaatg aatgaagtg agaaggaaa 157260

15071441.020702  
 15071441.020702

tttagagaaa	aaagaataaa	aagaaatgaa	caaagcctcc	aagaaatgatg	ggactatgtg	157440
aaaagaccaa	atctacatct	gattggcgta	cctgaaagtg	agcggggagaa	tggaaaccaag	157500
ttggaaaaaa	ctctgcagctg	tattatccag	gagaacctcc	caaagtcaggc	aaagcaggcc	157560
caacttcaga	ttcaggaaat	acagagaacg	ccacaagaat	actcctcgag	aagagcaaca	157620
ccaagacaca	taattgtcag	attcaccaaa	gttgaaatga	agggaaacaat	gttaagggca	157680
gccagagaga	aaggtcggtg	tacctccaaa	gggaagccca	tcagactaac	agcgggatctc	157740
tcggcagaaa	ctctacaagc	cagaagagag	tggtggccaa	tattcaacat	tcttaaggaa	157800
aagaattttc	aaaccagaat	ttcatataca	gccaaactaa	gcttcataag	tgaagagaaa	157860
ataaaatcct	ttacagacaa	gcaaattgctg	agaaattttg	tcaccaccag	gcotgcoccta	157920
aaagagctcc	tgaaggaaat	gctaaacatg	gaaagggaaca	accggtacca	gcocgtgcac	157980
aatcatgccca	aaatgcgaag	accatcgag	ctaggaagaa	actcgatcaa	ctaacagagca	158040
aaacaacctg	ctaacatcat	aatgacagga	ctaaattcac	acataaacaat	ataactctta	158100
catgtaaatg	gactaaatgc	tgcaatttaa	agacacagac	tggcaaatgtg	cataaagatt	158160
caagaccat	cagtgtgctg	tattcaggaa	accatctca	cgggcagaga	cacacatag	158220
ctcaaaataa	agggatggag	gaagacctac	caagcaaatg	gaaaaacaaa	aaaaggcgag	158280
ggttgcaatc	ctagtctctg	ataaaacaga	ctttaaacca	acacagatca	aaagatgaaa	158340
agaaggccat	ctcttaatgt	taaagggtac	aattcaacaa	gaagagctaa	caatctctaa	158400
tatatatgca	ccaatacag	gagcaccac	attcctaaga	caagtctcga	gtcactatca	158460
aagagaaacta	gactaccaca	cattaataat	gggaaacttt	aaacccccac	tgtccaacttt	158520
agacagatca	acaagacaga	aggtcaacaa	ggataccacg	gaattgaaat	cagctctgca	158580
ccaagcagac	ctaatagaca	tctacagaa	tctccacccc	aaatcaacag	aatatacatt	158640
tttttcagca	ccaacacata	cctatttcaa	aattgaccac	atactctggaa	gtaaagctct	158700
cctcagcaaa	tgtaaaagaa	cagaaattat	accaaactgt	ctctctaac	acagtgcatt	158760
caaatctaca	ctcaggtaga	agaaactcac	tcaaaactgc	tcaactacat	ggaaactgaa	158820
caactctgct	ctgaatgact	actgggtaca	caacgaatg	aaagcagaaa	taagatgttt	158880
ctttgaaact	aagtagaaca	aagacacaa	ataccagaaa	tctctgggtg	cattcctaa	158940
agtgctgaga	gggaattttg	tagcactaaa	tgcccaacag	agaagcagag	aagattccaa	159000
aatttgacac	ctaacctcac	aatttaaaaga	actagaaaag	caagagcaaa	caactctcaa	159060
agctagcaga	agccaagaaa	taactaaaaa	cagagcagaa	ctgaaggaaa	cagagacaaa	159120
aaaaacccct	caaaaatttaa	tgaatccag	agctgggttt	tgaagaaagt	caacaaactt	159180
gatagacgcg	tgcagaagat	ataaagaaa	aaaagagaga	agatcaaat	agatgcataa	159240
aaaaatgac	aaggggatat	caccaccgat	cccacagaaa	taaaaaactat	catcagagaa	159300
tactacaac	acottctatgc	aaataaacta	gaaaaactag	aagaaattgga	taaaattcttc	159360
gacacataca	ctctcccaag	actaaaccag	gaagaagtgt	aattcttgaa	tagaccaata	159420
acaggagctg	aaattgtgtg	aataatcaat	agcttaccac	ccaaaaaagag	tccagagacca	159480
gatggattca	cagccgaatt	ttaccagagg	tacaaggagg	aactgttacc	attcctctgt	159540
aaactattcc	aatcaataga	aaaagaggga	atcctcccta	actcatttta	tgaggccagc	159600
atcatcctga	taccaaagcc	ggcgagagac	aaaaacaaaa	aagaggattt	tagacaataa	159660
tccttgaggga	acatttgatgc	caaaatctct	aataaaatac	tggcaaacca	ataccagcag	159720
cacatcaaaa	agcttatcca	ccatgatcaa	gtaggcttca	tccttaggat	gcaagctgtg	159780
ttcaacatat	gcgaatacat	aaatgtaatc	cagcatataa	acagaaaccaa	agacacaaaa	159840
caactgatta	tctcaataga	tgccagaaaa	gcotttgaca	aatttcaaca	acacttctgt	159900
ttaaaaactc	tcaataaatt	aggtatttgt	gggacgtatc	tcaaaataat	aagagctatc	159960
tatgtcaaac	ccacagccaa	tatcatactg	aattgggaaa	aactggaagc	attccctttg	160020
aaaaattggc	caagacaggc	atgcctcttc	tcaccaatcc	tattcaacat	gttcctgtgaa	160080
gatctgtcca	gggcaactcag	gcaggagaa	gaaataaagg	gtatttcaat	agcaaaagag	160140
gaagtcaaat	tgctccgttt	tgcaagtac	atgattttat	acttagaaat	cccatctgtc	160200
tcagcccaaaa	acottcttaa	gctgataagc	aacttcagca	aagtctcag	atacaaaatc	160260
aatgtacaaa	aatcacaagc	attcttatca	accaacaaca	gacaaaacaga	gagccaaatc	160320
atgagtgaac	tcocattcac	aattgcttca	aagagaataa	aataccttag	aatccacctt	160380
acaaggggat	tgaagcactc	cttcaaggag	actcaaacac	catgtctcaa	cgaattaaaa	160440
gaggatataa	acaaattgaa	gaacatttca	tgctcatggg	ttagaagaat	caatattgtg	160500
aaaaatggcca	tactgcccaa	ggttaattac	agattcaatg	catccoccat	acaagctatca	160560
attactttct	tcacataatt	ggaaaaaact	actttaaagt	tcatatggaa	ccaaaaaaga	160620
gcccgcatca	ccaagtcaat	cctgagccaa	aagaacaagg	ctggaggcag	cacactacct	160680
gacttcacag	tatactacaa	ggctacagta	accaaaacag	cttggtactg	ttaccaaaac	160740
agagatatgt	atcaattggaa	cagaacagag	ccctcagaaa	taatgtctga	tatcgcaaaa	160800
tgctgtatct	ttgacaaacc	tgagaaaaac	aagaaatggg	aaagaggtat	octatttaac	160860
aaatggtgct	gggaaaaactg	gctagccata	tgtagaaaaga	tgaaaactgga	tcctcttctt	160920
acaccttata	caaaaatttaa	tccaagtgtg	attaaagact	taaatgtcag	acactaaaac	160980
ataaaaaacc	tagaagaaaa	cctaggcatt	accattcag	acataggcat	gggcaaggac	161040

1007441.020702

ttcatgtcta	aaacacccaa	agcaatggca	acaaaagcca	aaatgacaa	atgggatcta	161100
attaaactaa	agagctctct	cacagcaaaa	gaactaccca	tcagagttaa	tagggcaact	161160
acagaatggg	agaaaatttt	tgcaatctac	tcacttgaca	aggggtctaat	attcagaatc	161220
tcaaaagaac	ttaaacaaat	gttcaagaaa	aaaaacaccc	catcaaaaaa	tgggcaaaa	161280
acatgaataa	acactctctc	aaagaagaca	tttatgcagc	acacagacac	atgaaaaaat	161340
gctcatcatc	actggccatc	agagaaatgc	aaatcaaaac	cacaatgaga	taccatctca	161400
caccaggttag	aatgacatgc	attaaagtca	ggaacaacaa	gatgctggag	aggacatgga	161460
gaaataggaa	tgcctttcaa	ctgttggtgg	gggtgtaaat	tagttcaatc	attgttgaag	161520
acagttggcc	aattcttaca	ggatctagaa	ctagaaatcc	ctattggacc	agcaatccca	161580
ttactgggta	tataccgaaa	agattacaaa	tggttgcaact	ataaagacac	atgcacacga	161640
atgtttttat	tggcactatt	cacaatagca	aagactttcta	acaaaccgag	atgcacatca	161700
atgatagact	ggattaaaga	aattgtggc	atatacacca	tgggaacta	tgcagccata	161760
aaaaaggatg	agtttcatgtc	cttttcaggg	acatggatga	agctggaaac	catcattctc	161820
agcaaacatt	gacaaggaca	gaaaacccaa	acccgcattg	tctcaactat	agatgggaac	161880
tgaacaatga	gaacacttgg	acacagggca	gggaacatca	cacaccaggg	cctgttgggg	161940
gggtgggtgac	tggggggagag	atagcattag	gagaataacc	taattgaaat	gatgagtgtg	162000
tggatgacac	aaacccaacag	ggcacatctc	tacotattga	agaaaacctg	actttgtgca	162060
caggtaccct	agaaactgtga	gtataataaa	aattgaaaaa	gagaaattgt	atagcacaat	162120
tgtagatggg	tatacctaat	ataactctgc	atgtgcacta	tgtgtctgga	tacacatgga	162180
aagatttcac	gcataccatc	caaatgttta	aaataaatcc	ctttccaaac	tatagagtgtg	162240
ctggggagca	gtggccttcc	acttcgcgac	attccatggt	gccagggttaa	taccacaatc	162300
caatagttaa	tagcaaaaaa	aacaacctta	agttttagatt	ttcttatctc	aaattttaatt	162360
ctgtgaagaa	gtttccattt	ccctttttca	ccagcagtag	tctatgcag	tttagaaaag	162420
tgtgagatcac	tgtttgtagc	gtacaatttt	taagcatcac	cgaagtatac	cattaaactc	162480
ctctatcaat	catcttctca	aacttcccaa	cccaaaaaaa	aagaaacata	tataaattgaa	162540
atgaagaaaa	caatacaaaa	gatcaacaaa	aattgaaagg	tggcttttta	aaggagataaa	162600
caaaattgtc	aaatgttttag	ccagactaag	aaaaagagaa	ggcccaatac	ataataaact	162660
gagatgaaaa	agcagacatt	tataactgata	ctggcgaaat	tcaaaagata	attaatggct	162720
actatgaqca	actgtttgccc	aaacatttga	aaatatgtga	caataagtag	acttctgtga	162780
cacacgcac	ctaacaaagc	tcaaccatga	agaaattcaa	aatctgaaac	gaccaaaaac	162840
aagtaacaa	atcaaaagcca	tatttaaaat	tttccagcca	taagaaaagc	tggagaccac	162900
tggccttcat	gctgaattct	atcaaacatt	taaagaacta	ataccaatcc	tactcaaaat	162960
attccaaaaa	atagaagaagg	agggaaatct	tccaaaacta	ttctatgagg	ccattactgc	163020
tcttatctca	aaacaagagg	cacatcaaaa	aaagaaaact	ataggccaat	attccacatg	163080
aatattgatg	aatcctcaaa	aaatgctagc	aaactgaatt	caacatcaca	tataaaatca	163140
ttcattatga	ccaaaaggga	tttatccag	ggatgcaaat	atggttcaac	atatacacat	163200
cagtcagttg	aacatatcat	atcaacagaa	tgaagaagaa	aaaccatatg	gtcatgttaa	163260
ttgatgtcga	aaaagtattt	gagagaatta	aacatctctt	catgacaaaa	accctcaaaa	163320
acactggaga	cagaaggaa	atactctaac	acaataaaca	gacatataat	acagactcac	163380
agctagaatc	atactaaatg	gggagaaact	gaaagtcaat	cctctaagat	ctggaacaag	163440
agcaggatgc	tcaattttcac	cagttgttag	ggaacatagt	actgaaagtc	ctagctagaa	163500
cagactagac	acagaaataa	ggggcatcca	aaactgggaag	acgagaagtc	aattactctt	163560
gttcgcagat	ggatgatctc	tctgtttgga	aaaaacctaga	ctccataaaa	aaatgattag	163620
aactgataaa	ttcagtaaa	tttcaggata	caaaattaac	atacaaaaat	cagttgacat	163680
tctatattgc	aatagcaaac	aatctgaaaa	tgaattcaag	gaagttaacc	catttcccat	163740
ttgcataatg	tataaataaa	attaataaaa	tctcatctct	tcaataagtg	gtgttgggaa	163800
aactgcoat	ccacatacaa	aagaataaaa	tttagaccctt	ttaatataga	aaactggacc	163860
caagtttaata	tacaaaaaatt	aacttgaatt	gaatttaaga	ctttaatgtg	agatctgaaa	163920
ccaaaaactc	ctagagagaa	acatagggga	aaagctcctt	cagctgtggc	tgggcaataa	163980
ttttttggga	tattacacca	aaagcacaga	cttttgaaaa	aataaacaag	taggaactaca	164040
ttaaactaaa	aagcttctgc	atggcaaaag	aaagtcaaca	agactcaact	gcaactcaca	164100
gaatgggggg	aaatatttgc	aaaccatata	cctgatgaga	agtttaatat	aaatatatga	164160
aaatatataa	ggaactccaca	tatctcaata	ccaaaaaaat	ataaacctgt	tttataatgg	164220
gcaaaggacc	tgaatagaca	ttttttcaaa	gaagacacac	agatggccaa	cgaagtgcag	164280
aaaaagcggt	caacatcatc	aatcatcagg	gaaatgcaaa	tcaaaaccac	aatgagatat	164340
cactccacac	ctgttaggaa	agctattatg	aaaaacacaa	gaacacatga	atatttggcaa	164400
gggcatggag	aaaaaaggac	ccttgtacac	tgttggtaga	aagttaaat	gcacacgctc	164460
ttatggaaaa	tagaattggg	gttctccaaa	aaataaaaaa	agaactacca	tacaacttag	164520
caattccact	tatgagtgtg	catccaaagg	aatcaaatca	ctatgtcaaa	gagatatctg	164580
tacttctctg	tttatttgcg	ctttactcac	agtagccaa	ataaggaaaa	aatcctaatt	164640
tccatcaacg	gataaagaaa	atggggggag	gggtgtgcat	gtatacatatc	acaatggact	164700

10071441.020702

atttttcagc cataacaaga aaggaaaccc tgccatttgt gacgatatga atgaaccag 164760  
 aggacattat gttaagttaa ataaagccaga cacagaaata caaatattgt atgatctcat 164820  
 ttatatcgga atctaaaaat ttcaaacattg aagacgaata agtataaac tatttatcac 164880  
 gagctagggg atgtgggggaa gaagcaaaat attgggcaaa gagtataaac ttccagttat 164940  
 gagatgaagg ccaggtgcga tggctcatgt agaaagttag aataactttgg aaggctgagg 165000  
 cagagggaatt gcttgagacc agccttaggca agaaagttag accctcatctc tacaaaaaat 165060  
 aaaaaataaa gaatcagctg ggagtggttg catcacacctg tagtcccgag tagtcaggag 165120  
 gctgaggggg gaggaatcatt tgaatttgga aagtcaaggc tgcagtcagc caagatagtg 165180  
 ccactgcatt gcagctgggg tgacagagcg aaacccctgtc tcaaaaaaaa aaaaaaaa 165240  
 aagatgaata agttctctgg atcaaatgta cagcatgggt actataagtt ataatcgct 165300  
 taitacttga aatttggttaa gacgagattt taagcatccc cagcaccccc cacaacatac 165360  
 cacacacaaa tggtaactat aggttggtgat agatatgtta atttgactgt gacaatcagc 165420  
 attcaatata tacatatatc aaatcatcac attttaccoc ttgaaataga aactttgatt 165480  
 tgtcaatcaa atatttttaa acgaaaaata tcaataattt aatatagcat acaggaaaaa 165540  
 atttctgtat tgcagttata cagaaaaattt catgataaaa acacttttaa acaaaagaaa 165600  
 taaaagggaa ctcctctaac ctgataaatg gcatctgtgg aaacccccag ctgacatcaa 165660  
 acttaataca gaaaggctgt gtgttccact ctgtgaaccag gaacaaagca aagatgcctg 165720  
 ctthttccac ttccatttga cctgttactg aggttctggc aggttctggc atccctgaaa 165780  
 aagaataaaa aggctctcCaa ataaaagaag aagtaaaaatt atctctactg gctcatgaca 165840  
 tgcatttga tataagaatt gtgcacatgt acacacacac aaacccattag aactcaataa 165900  
 caagtctcagc aagtttgagc aatataaaat gaattgtacaa aaatcaagtg tttttctata 165960  
 tactagcaat taacaaatct aaaaatgaatt aaaaatccat ttacaatagt atcaaacata 166020  
 aattattttag atatttttaa tgcactgaaa actcaaaaat attttgaaat aaatcagaaa 166080  
 agattttaagt aaatggctga cttgaacctg ggaagcagag gtgtgcagtg gcccgagattg 166140  
 taccoactga attttagctg ggcaacagag ggagactcca agtgatcgaa aagaaaaaaa 166200  
 aagattttaa taagctgaaa catatttcat ggatcagaag acttaattat gttaagtgca 166260  
 caatattccc caaattgact tacagcttca actcaacccc atcaaaaaat tttgttgc 166320  
 ttttggctga aattgacaag ctgatttctat aattttatgt gaattctcaa ggatccagaa 166380  
 taacccaaac aattattgaa aataaagaac agcgttggtg gattaaactt ttccaaattt 166440  
 aaaacttact atagcactgc ggtaatcaag cagtgtggca ctgtatagca tgtacattac 166500  
 agatcagtggt actagaatca atgtccagaa ataaacogtt atgtttata ttgttttata 166560  
 ttttaataagg tgtcaagaca acgcaatggg aaaagaataa tgaattcaac aaatgatgca 166620  
 tggacaaccg gacatgcaca tgcaacacaa tgaatttgaa tctttctata gctccatgca 166680  
 taaaaaactaa ctcaaatagg gtccacggatg taaatgaaaa gctaaaaacta taataatcct 166740  
 agagaaaaac ctaggagtaa atctttaaga tgtatttgta ggcagtggtt tctcagatag 166800  
 gaccocaaaa tcacaaagcga caaaagaaat tggactttaa tgttaatact ttgttcttc 166860  
 aaacatcatc aagaagaatga aaacacaccc cgcagaagca ataaaaatgt ctgtaatgca 166920  
 tghtatcgat tagacacttc tatccaggat atataaataa tgcaattcaa tgcataatc 166980  
 gataaataag ccagtttttc aaagagtcaa gcatctgaat atacatctct ccaaaaaat 167040  
 acagataatc aacaagcatg tgaaaagatg ttcaaaagcca ttgtccaggt ccacaaaccc 167100  
 aagacagtat gaggagatgc tacagggact ctgctgtctc acagacatga agcgttggtg 167160  
 agaattgagg cagccgctct tgggggactc acatcccgcg cgcactgtgt agcgtgaagt 167220  
 agtgttttaa cttagccagat atcaatacac ggcactgtgt agccgtgaga cccgtgcgtg 167280  
 ccggcggggg tgggagaggc gggcgccagg agtggggggg aaacctgggg tccaggcccc 167340  
 gccgcgggaa gccgcggcag agcgcccgaa acccttccca ccttggttgc gcaattttgc 167400  
 gccgcggatc cagagagccg acccgtgacc cctggcctcc cctagacaga cccgcattgt 167460  
 cagatgtgcc gtcccgctgc cctcccgcga ccaactggcca tctctgggac tggcgccgtt 167520  
 ctccggcccc gctccgcccc gccaggagcc cgaagtccag ccagtgaaga agcccgccgt 167580  
 gaaaggagct ctgtgctcca gaatccatcc toagtatcag cgtgggggtg gctctccca 167640  
 ggaagccctt ctgattctgt catgggtcgc tcttctctgt cagactcccg cagacccct 167700  
 gtcocaahta ccgcaatcgt caactgaaac ttggggagag cagaggctgt gctgaattt 167760  
 gtagggaatc cccgcagctc caccocaggg cctacaggag cctggccttg ggcgaagccg 167820  
 aggcaggagc cagggcgaaa ggglggaagc aatctaggag agaacagatg aacgaatgga 167880  
 tgagggtgtg cagccagagt tgcocagtc cctggctgc agaacagac acctcgctga 167940  
 ggagagaccc aggaagcagg cccctgcccc gcccgaggcg aggtcccgc cagtccggc 168000  
 ccgctgaaag gtgggagaga atactgcggg gggggggggc gggggggggg cagtcggcg 168060  
 ggccgcgggg agcctggagc cagaccggcg ggggcggcga ccggggcagg gacagtggg 168120  
 gaggaggctg cgggctgagc gaccttgacc cccccagtc cgcgctggtt ccg 168174

20071111.020702

<210> 64  
<211> 21  
<212> DNA  
<213> Homo sapiens

<400> 64  
aggagcgcg c raaaccttct c

21

<210> 65  
<211> 18  
<212> DNA  
<213> Homo sapiens

<400> 65  
tggacttaaa tacttttg

18

<210> 66  
<211> 21  
<212> DNA  
<213> Homo sapiens

<400> 66  
tcatgtatcc rattagagac t

21

1007441-020702